



THANK YOU
FOR ALL YOU DO!



**ABBOTT NUTRITION
PRODUCT REFERENCE**

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Every effort is made to ensure that all product information is accurate at the time of publication. However, this information is subject to change. Please refer to the product label for the most current ingredient, allergen, and nutrient profile information.

The HCPCS codes provided in this book are taken from government publications and are provided from information correct at the time of publication. They are provided for your information only. Each health care provider is ultimately responsible for verifying codes, coverage, and payment policies used to ensure that they are accurate for the services and items provided. Providers should consult with the insurance plan for complete and accurate details concerning documentation for claims. Abbott Nutrition does not guarantee reimbursement by any third-party insurance plan and will not reimburse physicians or providers for claims denied by third-party insurance plans.

NDC format codes: NDC format codes are product codes adjusted according to standard industry practice to meet the format requirements of pharmacy and health insurance computer systems. Abbott Nutrition does not represent these products to be drugs, nor their codes to be NDC codes.

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■ Ensure® High Protein TN Shake	24
■ Ensure® Plus High Protein TN	38
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■ Glucerna Hunger Smart® Meal Size Shake	52
■ Glucerna Hunger Smart® Shake	56
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■ Ensure® Enlive® TN Shake	22
■ Ensure® High Protein TN Shake	24
■ Ensure® Plus High Protein TN	38
■ Glucerna® Protein Smart Shake	50
■ Glucerna Hunger Smart® Meal Size Shake	52
■ Glucerna Hunger Smart® Shake	56
■ Glucerna® Original Shake	58
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■ Pivot® 1.5 Cal	134

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■ Ensure® COMPLETE	20
■ Ensure® Enlive® TN Shake	22
■ Ensure® High Protein TN Shake	24
■ Ensure® Plant-Based Protein	32
■ Ensure® Plus Nutrition Shake	34
■ Ensure® Plus TN	36
■ Ensure® Plus High Protein TN	38
■ Glucerna® Protein Smart Shake	50
■ Glucerna Hunger Smart® Meal Size Shake	52
■ Glucerna Hunger Smart® Powder	54
■ Glucerna Hunger Smart® Shake	56
■ Glucerna® Original Shake	58
■ Glucerna® Snack Shake	60
■ Glucerna® TN Shake	62
■ Juven®	72
■ Pivot® 1.5 Cal	134
■ Vital® AF 1.2 Cal	150

CEREBROVASCULAR ACCIDENT/STROKE

■ Ensure® COMPLETE	20
■ Ensure® Enlive® TN Shake	22
■ Ensure® High Protein TN Shake	24
■ Ensure® Plus High Protein TN	38
■ Glucerna® Protein Smart Shake	50
■ Glucerna Hunger Smart® Meal Size Shake	52
■ Glucerna Hunger Smart® Powder	54
■ Glucerna Hunger Smart® Shake	56
■ Glucerna® Original Shake	58
■ Glucerna® Snack Shake	60

■ Glucerna® TN Shake	62
■ Jevity® 1.2 Cal	68
■ Osmolite® 1.2 Cal	78
■ Pivot® 1.5 Cal	134
■ TwoCal® HN	144
■ Vital® AF 1.2 Cal	150

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■ Suplena® with CARBSTEADY®	142

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■ Ensure® Enlive® TN Shake	22
■ Ensure® High Protein TN Shake	24
■ Ensure® Plus Nutrition Shake	34
■ Ensure® Plus TN	36
■ Ensure® Plus High Protein TN	38
■ Glucerna® Protein Smart Shake	50
■ Glucerna Hunger Smart® Meal Size Shake	52
■ Glucerna Hunger Smart® Powder	54
■ Glucerna Hunger Smart® Shake	56
■ Glucerna® Original Shake	58
■ Glucerna® Snack Shake	60
■ Glucerna® TN Shake	62
■ Hi-Cal®	64
■ Jevity® 1.5 Cal	70
■ Osmolite® 1.5 Cal	80
■ TwoCal® HN	144

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■ Ensure® COMPLETE	20
■ Ensure® Enlive® TN Shake	22
■ Ensure® High Protein TN Shake	24
■ Ensure® Plus Nutrition Shake	34
■ Ensure® Plus TN	36

TN: Therapeutic Nutrition for institutional or home care.

■ Glucerna® Protein Smart Shake	50
■ Glucerna Hunger Smart® Meal Size Shake	52
■ Glucerna Hunger Smart® Powder	54
■ Glucerna Hunger Smart® Shake	56
■ Glucerna® Original Shake	58
■ Glucerna® Snack Shake	60
■ Glucerna® TN Shake	62
■ Pulmocare®	140

**CORONARY HEART DISEASE/
ARTERIOSCLEROTIC HEART DISEASE**

■ Ensure® COMPLETE	20
■ Ensure® Enlive® TN Shake	22
■ Ensure® High Protein TN Shake	24
■ Ensure® Original Shake	28
■ Ensure® Original TN Shake	30
■ Ensure® Plant-Based Protein	32
■ Ensure® Plus Nutrition Shake	34
■ Ensure® Plus TN	36
■ Ensure® Plus High Protein TN	38
■ Glucerna® Protein Smart Shake	50
■ Glucerna Hunger Smart® Meal Size Shake	52
■ Glucerna Hunger Smart® Powder	54
■ Glucerna Hunger Smart® Shake	56
■ Glucerna® Original Shake	58
■ Glucerna® Snack Shake	60
■ Glucerna® TN Shake	62
■ Hi-Cal®	64
■ Jevity® 1.2 Cal	68
■ Osmolite® 1.2 Cal	78

DEHYDRATION

■ Pedialyte® Classic	82
■ Pedialyte AdvancedCare®	84

■ Pedialyte AdvancedCare® Plus	86
■ Pedialyte AdvancedCare® Plus Powder	88
■ Pedialyte® Freezer Pops	92
■ Pedialyte® with Immune Support	96
■ Pedialyte® Organic	100
■ Pedialyte® Classic Powder Packs	102
■ Pedialyte® Powder Packs 17g	104

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■ Glucerna® 1.0 Cal	44
■ Glucerna® 1.2 Cal	46
■ Glucerna® 1.5 Cal	48
■ Glucerna® Protein Smart Shake	50
■ Glucerna Hunger Smart® Meal Size Shake	52
■ Glucerna Hunger Smart® Powder	54
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■ Glucerna® Snack Shake	60
■ Glucerna® TN Shake	62
■ Nepro® with CARBSTEADY®	74
■ Suplena® with CARBSTEADY®	142

HALAL

Most Abbott Nutrition products are halal. Please see product pages for information specific to each flavor or <https://ifanca.org/halal-certified-products/> for more information.

■ Cyclinex®-1	158
■ Cyclinex®-2	160
■ EleCare® (for Infants)	12
■ EleCare® Jr	14
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■ Ensure® COMPLETE	20

■ Ensure® Enlive® TN Shake (certain flavors)	22
■ Ensure® High Protein TN Shake	24
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■ Ensure® Original Shake	28
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■ Ensure® Plant-Based Protein (certain flavors)	32
■ Ensure® Plus Nutrition Shake	34
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■ Ensure® Pre-Surgery	40
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■ Glucerna® 1.0 Cal	44
■ Glucerna® 1.2 Cal	46
■ Glucerna® 1.5 Cal	48
■ Glucerna® Protein Smart Shake	50
■ Glucerna Hunger Smart® Meal Size Shake	52
■ Glucerna Hunger Smart® Powder	54
■ Glucerna Hunger Smart® Shake	56
■ Glucerna® Original Shake	58
■ Glucerna® Snack Shake	60
■ Glucerna® TN Shake	62
■ Glutarex®-1	162
■ Glutarex®-2	164
■ Hi-Cal®	64
■ Hominex®-1	166
■ Hominex®-2	168
■ I-Valex®-1	170
■ I-Valex®-2	172
■ Jevity® 1.0 Cal	66
■ Jevity® 1.2 Cal	68
■ Jevity® 1.5 Cal	70

■ Ketonex [®] -1	174
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■ Nepro [®] with CARBSTEADY [®]	74
■ Osmolite [®] 1.0 Cal	76
■ Osmolite [®] 1.2 Cal	78
■ Osmolite [®] 1.5 Cal	80
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■ Pedialyte [®] with Immune Support	96
■ Pedialyte [®] Organic	100
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■ Pedialyte [®] Powder Packs 17g	104
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KOSHER

Most Abbott Nutrition products are kosher.

Please see product pages for information specific to each flavor or <https://oukoshier.org/product-search/> for more information.

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TN: Therapeutic Nutrition for institutional or home care.

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■ Ensure® Plus High Protein TN	38	■ Pedialyte® Freezer Pops	92
■ Ensure® Pre-Surgery	40	■ Pedialyte® Half Liter	94
■ Glucerna® 1.0 Cal	44	■ Pedialyte® with Immune Support	96
■ Glucerna® 1.2 Cal	46	■ Pedialyte® Classic Powder Packs	102
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■ Ketonex®-1	174	■ Propimex®-2	186
■ Ketonex®-2	176	■ ProViMin®	188
■ Nepro® with CARBSTEADY®	74	■ Pulmocare®	140
■ Osmolite® 1.0 Cal	76	■ RCF®	190
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■ Ensure® Plus High Protein TN	38
■ Ensure® Surgery	42
■ Glucerna® Protein Smart Shake	50
■ Glucerna Hunger Smart® Meal Size Shake	52
■ Glucerna Hunger Smart® Powder	54
■ Glucerna Hunger Smart® Shake	56
■ Glucerna® Original Shake	58
■ Glucerna® Snack Shake	60
■ Glucerna® TN Shake	62
■ Hi-Cal®	64
■ PediaSure® Grow & Gain TN Shake	118

TN: Therapeutic Nutrition for institutional or home care.

■ PediaSure® Grow & Gain with Fiber TN Shake	120
■ PediaSure® Grow & Gain Shake Mix	122
■ TwoCal® HN	144

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■ Perative®	132
■ Pivot® 1.5 Cal	134
■ Vital® AF 1.2 Cal	150

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■ Pedialyte AdvancedCare®	84
■ Pedialyte AdvancedCare® Plus	86
■ Pedialyte AdvancedCare® Plus Powder	88
■ Pedialyte® Freezer Pops	92
■ Pedialyte® Half Liter	94
■ Pedialyte® with Immune Support	96
■ Pedialyte® Organic	100
■ Pedialyte® Classic Powder Packs	102
■ Pedialyte® Powder Packs 17g	104
■ Pedialyte® Sport Liquid	106
■ Pedialyte® Sport Powder	108

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■ Ketonex®-1	174
■ PediaSure® 1.5 Cal	110
■ PediaSure® 1.5 Cal with Fiber	112

■ PediaSure® Grow & Gain TN Shake	118
■ PediaSure® Grow & Gain with Fiber TN Shake	120
■ PediaSure® Grow & Gain Shake Mix	122
■ PediaSure® Peptide 1.0 Cal	124
■ PediaSure® Peptide 1.5 Cal	126
■ PediaSure® Reduced Calorie	128
■ PediaSure SideKicks® Shake	130
■ Phenex®-1	178
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■ Ensure® High Protein TN Shake	24
■ Ensure® Plus Nutrition Shake	34
■ Ensure® Plus TN	36
■ Ensure® Plus High Protein TN	38
■ Ensure® Pre-Surgery	40
■ Ensure® Surgery	42
■ Glucerna® Protein Smart Shake	50
■ Glucerna Hunger Smart® Meal Size Shake	52
■ Glucerna Hunger Smart® Powder	54
■ Glucerna Hunger Smart® Shake	56
■ Glucerna® Original Shake	58
■ Glucerna® Snack Shake	60
■ Glucerna® TN Shake	62
■ Juven®	72
■ Perative®	132
■ Pivot® 1.5 Cal	134
■ Vital® AF 1.2 Cal	150

■ Vital® Peptide 1.5 Cal	154
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■ Ensure® Enlive® TN Shake	22
■ Ensure® High Protein TN Shake	24
■ Ensure® Max Protein	26
■ Ensure® Plus High Protein TN	38
■ Ensure® Surgery	42
■ Glucerna® Protein Smart Shake	50
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■ Glucerna Hunger Smart® Powder	54
■ Glucerna Hunger Smart® Shake	56
■ Glucerna® Original Shake	58
■ Glucerna® Snack Shake	60
■ Glucerna® TN Shake	62
■ Juven®	72
■ Perative®	132
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GENERAL NUTRITION

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■ Ensure® COMPLETE	20
■ Ensure® Enlive® TN Shake	22
■ Ensure® High Protein TN Shake	24
■ Ensure® Max Protein	26
■ Ensure® Original TN Shake	30
■ Ensure® Plus TN	36
■ Ensure® Plus High Protein TN	38
■ Ensure® Surgery	42
■ Glucerna Hunger Smart® Meal Size Shake	52
■ Glucerna Hunger Smart® Shake	56

■ Glucerna® Original Shake	58
■ Glucerna® Snack Shake	60
■ Glucerna® TN Shake	62
■ Nepro® with CARBSTEADY®	74
■ PediaSure® 1.5 Cal with Fiber	112
■ PediaSure® Grow & Gain with Fiber TN Shake	120
■ PediaSure® Peptide 1.0 Cal	124
■ PediaSure® Peptide 1.5 Cal	126
■ PediaSure® Reduced Calorie	128
■ PediaSure SideKicks® Shake	130
■ Suplena® with CARBSTEADY®	142
■ TwoCal® HN	144
■ Vital® 1.0 Cal	146
■ Vital® 1.5 Cal	148
■ Vital® AF 1.2 Cal	150

ORAL FEEDING WITHOUT FIBER

■ Calcilo XD®	156
■ Cyclinex®-1	158
■ Cyclinex®-2	160
■ EleCare® (for Infants)	12
■ EleCare® Jr	14
■ Ensure® Clear Nutrition Drink	16
■ Ensure® Clear TN	18
■ Ensure® Original Shake	28
■ Ensure® Plus Nutrition Shake	34
■ Glutarex®-1	162
■ Glutarex®-2	164
■ Hi-Cal®	64
■ Hominex®-1	166
■ Hominex®-2	168
■ I-Valex®-1	170
■ I-Valex®-2	172
■ Ketonex®-1	174

■ Ketonex®-2	176
■ Phenex®-1	178
■ Phenex®-2	180
■ Propimex®-1	184
■ Propimex®-2	186
■ Pulmocare®	140
■ Tyrex®-1	192
■ Tyrex®-2	194
■ Vital® HP	152

TUBE-FEEDING WITH FIBER

■ Glucerna® 1.0 Cal	44
■ Glucerna® 1.2 Cal	46
■ Glucerna® 1.5 Cal	48
■ Jevity® 1.0 Cal	66
■ Jevity® 1.2 Cal	68
■ Jevity® 1.5 Cal	70
■ Nepro® with CARBSTEADY®	74
■ PediaSure® 1.5 Cal with Fiber	112
■ PediaSure® Grow & Gain with Fiber TN Shake	120
■ PediaSure® Peptide 1.0 Cal	124
■ PediaSure® Peptide 1.5 Cal	126
■ PediaSure® Reduced Calorie	128
■ PediaSure SideKicks® Shake	130
■ Perative®	132
■ Pivot® 1.5 Cal	134
■ Promote® with Fiber	138
■ Suplena® with CARBSTEADY®	142
■ TwoCal® HN	144
■ Vital® 1.0 Cal	146
■ Vital® 1.5 Cal	148
■ Vital® AF 1.2 Cal	150
■ Vital® Peptide 1.5 Cal	154

TUBE-FEEDING WITHOUT FIBER

■ Calcilo XD®	156
■ Cyclinex®-1	158
■ Cyclinex®-2	160
■ EleCare® (for Infants)	12
■ EleCare® Jr	14
■ Glutarex®-1	162
■ Glutarex®-2	164
■ Hominex®-1	166
■ Hominex®-2	168
■ I-Valex®-1	170
■ I-Valex®-2	172
■ Ketonex®-1	174
■ Ketonex®-2	176
■ Osmolite® 1.0 Cal	76
■ Osmolite® 1.2 Cal	78
■ Osmolite® 1.5 Cal	80
■ Phenex®-1	178
■ Phenex®-2	180
■ Promote®	136
■ Propimex®-1	184
■ Propimex®-2	186
■ Pulmocare®	140
■ Tyrex®-1	192
■ Tyrex®-2	194
■ Vital® HP	152



The Trusted Leader in Therapeutic Nutrition

A HERITAGE OF SCIENCE-BASED SOLUTIONS FOR SPECIFIC PATIENT NEEDS

For nearly 100 years, Abbott Nutrition has been developing science-based nutritional products to support the wellness of people of all ages. Our legacy is rooted in Abbott Laboratories, a global health care company devoted to the development of pharmaceuticals and medical products, including nutritionals. This scientific approach to nutrition enables us to provide you with resources to optimize patient outcomes.

We are a leader in nutritional products clinically shown to address the needs of people with serious health conditions or special nutrient requirements. Our research has produced innovative nutritional solutions:

- HMB.
- CARBSTEADY®.
- Structured lipids.

SCIENTIFIC SUPPORT FOR NUTRITION AS AN IMPORTANT COMPONENT OF EFFECTIVE MEDICAL INTERVENTION

- Our knowledge, experience, and research capabilities drive the development of nutritional products that advance quality of life for people of all ages.
- Abbott Nutrition provides a strong base of clinical evidence to demonstrate the effectiveness of therapeutic nutrition in improving patient outcomes.

A CONDITION-CENTERED APPROACH FOR NUTRITION NEEDS

Many patients have conditions that require specific nutrition needs. Addressing those needs is an important component of the high-quality care that every patient deserves. The Abbott Therapeutic Nutrition Portfolio addresses the nutrition needs of specific disease states and conditions.

ORDERING AND CONTACT INFORMATION

• HOSPITALS

Hospitals and other institutions can order Abbott Nutrition products through our website, e-abbott.com, EDI* or by calling toll-free **1-800-551-5838**.

• RETAILERS

Use only retail list numbers for ordering; do not use the institutional list numbers. Retail list numbers are listed with products and can be ordered through our website, e-abbott.com, EDI* or by calling toll-free **1-800-551-5840**.

• PATIENTS

For convenient home delivery, patients can order Abbott Nutrition products online at **AbbottStore.com** or by calling toll-free **1-800-258-7677**. Pay by credit card, PayPal®, Apple Pay®, or Google Pay®. Patients can receive more information about Abbott Nutrition products by calling **Abbott Nutrition Consumer Relations at 1-800-227-5767**.

VISIT ABBOTTNUTRITION.COM FOR:

- Abbott Nutrition Medical Nutritional Product Profiles
- Medicare, Medicaid, and Private Insurance Information
- Link to Continuing Education

USE UNDER MEDICAL SUPERVISION

Many Abbott Nutrition therapeutic nutrition formulas are medical foods designed to meet specific needs of patients with certain conditions. The choice of the optimal product for a patient must be based on patient-specific information and good clinical judgment. Unless otherwise specified, the Abbott Nutrition products listed in this book are for adults and children 9 or more years of age.

PRODUCT INFORMATION

Many Abbott Nutrition Medical Nutritional products are available in a variety of flavors and/or forms. Ingredient information is shown in this book only for primary flavors and forms, eg, Vanilla 8-fl-oz containers. Other flavors and forms may have minor ingredient differences. Check labels for the most current information on retail products.

CONTACTS

Name _____

Phone _____

Email _____

Name _____

Phone _____

Email _____

Name _____

Phone _____

Email _____

*e-abbott.com and EDI are preferred methods.

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EleCare® (for Infants)

Amino Acid-Based Powder
Infant Formula with Iron



Usage

ELECARE is a 20 Cal/fl oz, nutritionally complete amino acid-based formula for infants who cannot tolerate intact or hydrolyzed protein. It is indicated for the dietary management of protein maldigestion, malabsorption, food allergies, short bowel syndrome, eosinophilic GI disorders, GI tract impairment, or other conditions in which an amino acid-based diet is required.

- For infants 0 to 12 months of age.
- For oral or tube feeding.
- Use under medical supervision.

Features

- Clinically documented to be hypoallergenic^{1*} to virtually eliminate the potential for an allergic reaction to the formula in multiple-food-allergic infants.
- Clinically shown to support the growth of exclusively formula-fed infants.^{2,7}
- 100% free amino acids as nitrogen source.
- DHA and ARA, nutrients that help support brain and eye development.
- 33% of fat blend as MCTs, an easily digested and well-absorbed fat source.
- Supported by strict manufacturing standards and ELISA (Enzyme-Linked ImmunoSorbent Assay) testing.

- Does not contain milk protein, soy protein, fructose, galactose, lactose, or gluten.
- Halal, kosher.

Precautions

- **Never use a microwave oven to warm formula.** Serious burns can result.
- Powdered infant formulas are not sterile and should not be fed to premature infants or infants who might have immune problems unless directed and supervised by your baby's doctor.
- Not for IV use.

Availability

Flavor	List No.	NDC Format Code
— 14.1-oz (400.0-g) Can; 6/case		
Unflavored.....	55251.....	70074-0535-11

* Study conducted with a previous formulation of EleCare Unflavored without DHA/ARA.

1 Sicherer SH, et al. *J Pediatr.* 2001;138:688-693.

2 Borschel MW, et al. *Clin Pediatr.* 2013;52(10):910-917.

Technical Data		Nutrition Information							
Unflavored		100 Cal*	100 g Powder	1 L*	Unflavored	100 Cal*	100 g Powder	1 L*	
Caloric Density, Cal/mL	0.68	Calories	100	475	676	Magnesium, mg	8.4	40	56.8
Protein, % Cal ¹	15 (protein equivalent) ¹	Protein Equivalent, g	3.1	14.5	21	Iodine, mcg	8.9	42	60
Carbohydrate, % Cal	42	Total Fat, g	4.8	23	32.5	Manganese, mcg	84	400	568
Fat, % Cal	43	Total Carbohydrate, g	10.7	51	72.4	Copper, mcg	126	599	852
MCT:LCT	33:67	Water, mL	132		895	Zinc, mg	1.15	5.5	7.8
Total Cal/g Nitrogen	206:1	Linoleic Acid, mg	840	4000	5683	Iron, mg	1.8	8.4	12.2
Nonprotein Cal/g Nitrogen	175:1	Vitamin A, IU	273	1300	1847	Selenium, mcg	2.6	12.6	17.6
Osmolality, mOsm/kg H ₂ O	350	Vitamin A, mcg RE	82	390	554	Chromium, mcg	2.3	11	15.6
Renal Solute Load, mOsm/L	187	Vitamin D, IU	60	285	406	Molybdenum, mcg	2.5	12	17.1
Recommended Tube Size for Gravity/Pump Feeding (Fr)	NA/6	Vitamin D, mcg	1.5	7.1	10.15				
Carbohydrate Source	Corn syrup solids	Vitamin E, IU	2.1	10	14.2				
Fat Source	High oleic safflower oil, MCTs, soy oil (0.15% DHA; 0.40% ARA)	Vitamin K, mcg	13	60	88				
Protein Source	Free L-amino acids	Vitamin C (Ascorbic Acid), mg	9	43	61				
		Folic Acid, mcg	29.5	140	200				
		Thiamin (Vit B1), mcg	210	1000	1421				
		Riboflavin (Vit B2), mcg	105	500	710				
		Vitamin B6, mcg	84.2	400	570				
		Vitamin B12, mcg	0.4	2.0	2.7				
		Niacin, mcg	1680	8000	11366				
		Choline, mg	15	71	101				
		Biotin, mcg	4.2	20	28.4				
		Pantothenic Acid, mcg	421	2000	2848				
		Inositol, mg	5.1	24	35				
		Sodium, mg	45	215	304				
		Sodium, mEq	2	9.4	13.2				
		Potassium, mg	150	715	1015				
		Potassium, mEq	3.9	18.3	26				
		Chloride, mg	60	285	406				
		Chloride, mEq	1.7	8.0	11.5				
		Calcium, mg	116	550	785				
		Calcium, mEq	5.8	27.5	39.2				
		Phosphorus, mg	84.2	400	570				

C. Cohnii Oil is a source of DHA.
M. Alpina Oil is a source of ARA.

* (20 Cal/fl oz).

1 May ME, Hill JO. *Am J Clin Nutr.* 1990;52:770-776.

EleCare® (for Infants)

Ingredients

Unflavored

Corn Syrup Solids (55%), High Oleic Safflower Oil (9%), Medium Chain Triglycerides (8%), Soy Oil (7%), L-Glutamine (2%), Less than 2% of: C. Cohnii Oil, M. Alpina Oil, L-Asparagine, L-Leucine, L-Lysine Acetate, DATEM, Calcium Phosphate, L-Valine, Potassium Phosphate, L-Isoleucine, L-Arginine, L-Phenylalanine, L-Tyrosine, L-Threonine, Potassium Citrate, Sodium Citrate, L-Proline, L-Serine, L-Alanine, Glycine, L-Histidine, L-Methionine, Ascorbic Acid, Magnesium Chloride, Calcium Carbonate, L-Cystine Dihydrochloride, L-Tryptophan, Salt, Choline Chloride, Inositol, Ferrous Sulfate, Taurine, Ascorbyl Palmitate, Zinc Sulfate, dl-Alpha-Tocopheryl Acetate, L-Carnitine, Niacinamide, Calcium Pantothenate, Thiamine Hydrochloride, Copper Sulfate, Manganese Sulfate, Vitamin A Palmitate, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Beta-Carotene, Biotin, Phylloquinone, Chromium Chloride, Potassium Iodide, Sodium Selenate, Sodium Molybdate, Vitamin D3, Vitamin B12

HCPCS Code B4161

www.AbbottNutrition.com

EleCare® Jr

Amino Acid-Based Nutrition Powder (For Ages 1 and Up)



Usage

ELECare JR is a 30 Cal/fl oz, nutritionally complete amino acid-based medical food for ages 1 and older who cannot tolerate intact or hydrolyzed protein.

- For the dietary management of protein maldigestion, malabsorption, food allergies, short bowel syndrome, eosinophilic GI disorders, GI tract impairment, or other conditions in which an amino acid-based diet is required.
- For ages 1 and up.
- For oral or tube feeding.
- Use under medical supervision.

Features

- Clinically documented to be hypoallergenic,^{1*} to virtually eliminate the potential for an allergic reaction to the formula in multiple-food-allergic children.
- Shown to be effective in maintaining growth of children with cow's milk allergy when used as the primary source of calories.^{1*}
- 100% free amino acids as nitrogen source.
- 33% of fat blend as MCTs, an easily digested and well-absorbed fat source.

- Supported by strict manufacturing standards and ELISA (Enzyme-Linked ImmunoSorbent Assay) testing.
- Does not contain milk protein, soy protein, fructose, galactose, lactose, or gluten.
- Halal, kosher.

Precautions

- **Never use a microwave oven to warm formula.** Serious burns can result.
- Phenylketonurics: contains phenylalanine (Vanilla only).
- Not for IV use.

Availability

Flavor	List No.	NDC Format Code
— 14.1-oz (400.0-g) Can; 6/case		
Vanilla	56585	70074-0565-86
Unflavored.....	55253	70074-0552-54

* Study conducted with a previous formulation of EleCare Unflavored without DHA/ARA.

1 Sicherer SH, et al. *J Pediatr.* 2001;138:688-693.

Technical Data		Nutrition Information							
Vanilla		Vanilla	100 Cal*	100 g Powder	1 L*	Vanilla	100 Cal*	100 g Powder	1 L*
Caloric Density, Cal/mL	1.01	Calories	100	469	1014	Magnesium, mg	15.8	74	160
Protein, % Cal	15 (protein equivalent) ¹	Protein Equivalent, g	3.1	14.3	31	Iodine, mcg	9	41.6	90
Carbohydrate, % Cal	42	Total Fat, g	4.8	22.7	49.1	Manganese, mcg	128.2	601	1300
Fat, % Cal	43	Total Carbohydrate, g	10.5	49.3	106.7	Copper, mcg	128.2	601	1300
MCT:LCT	33:67	Water, mL	83	83	839	Zinc, mg	1.15	5.4	11.7
Total Cal/g Nitrogen	205:1	Linoleic Acid, mg	840	3939	8520	Iron, mg	1.8	8.3	18
Nonprotein Cal/g Nitrogen	173:1	Vitamin A, IU	273	1280	2769	Selenium, mcg	2.7	12.5	27
Osmolality, mOsm/kg H2O	590*	Vitamin A, mcg RAE	82	384	830	Chromium, mcg	2.3	10.9	23.5
Renal Solute Load, mOsm/L	280*	Vitamin D, IU	60	281	608	Molybdenum, mcg	2.6	12.3	26.5
		Vitamin D, mcg	1.5	7.0	15.2				
		Vitamin E, IU	2.1	9.71	21				
Carbohydrate Source	Corn syrup solids	Vitamin K, mcg	13	60	130				
Fat Source	High oleic safflower oil, MCTs, soy oil	Vitamin C, mg	9	42.5	92				
Protein Source	Free L-amino acids	Folic Acid, mcg	29.6	139	300				
		Vit B1 (Thiamin), mcg	210	985	2130				
		Vit B2 (Riboflavin), mcg	106	495	1070				
		Vitamin B6, mcg	84	393	850				
		Vitamin B12, mcg	0.4	2.0	4.3				
		Niacin, mcg	1680	7878	17040				
		Choline, mg	29.9	140	303				
		Biotin, mcg	4.2	19.9	43				
		Pantothenic Acid, mg	421	1974	4270				
		Inositol, mg	5	23.6	51				
		Sodium, mg	45	212	459				
		Sodium, mEq	2	9.2	20				
		Potassium, mg	151	706	1526				
		Potassium, mEq	3.8	18.0	39				
		Chloride, mg	60	281	608				
		Chloride, mEq	1.7	7.9	17				
		Calcium, mg	116	543	1174				
		Calcium, mEq	5.8	27.2	58.7				
		Phosphorus, mg	84	395	854				

* (Prepared at 30 Cal/fl oz).

¹ May ME, Hill JO. *Am J Clin Nutr.* 1990;52:770-776.

EleCare® Jr

Ingredients

Vanilla

Corn Syrup Solids (54%), High Oleic Safflower Oil (9%), Medium Chain Triglycerides (8%), Soy Oil (7%), L-Glutamine (2%), Less than 2% of: L-Asparagine, L-Leucine, DATEM, L-Lysine Acetate, L-Valine, Calcium Phosphate, L-Isoleucine, Artificial Flavor, Potassium Phosphate, L-Arginine, L-Phenylalanine, L-Tyrosine, Potassium Citrate, Sodium Citrate, L-Threonine, L-Proline, L-Serine, L-Alanine, Magnesium Chloride, Glycine, L-Histidine, L-Methionine, Ascorbic Acid, Calcium Carbonate, L-Cystine Dihydrochloride, L-Tryptophan, Magnesium Phosphate, Choline Chloride, Aspartame, Inositol, Acesulfame Potassium, Ferrous Sulfate, Taurine, Ascorbyl Palmitate, Zinc Sulfate, dl-Alpha-Tocopheryl Acetate, Sucralose, L-Carnitine, Niacinamide, Salt, Calcium Pantothenate, Manganese Sulfate, Thiamine Hydrochloride, Copper Sulfate, Vitamin A Palmitate, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Beta-Carotene, Biotin, Phylloquinone, Chromium Chloride, Potassium Iodide, Sodium Selenate, Sodium Molybdate, Vitamin D3, Vitamin B12

Phenylketonurics: Contains phenylalanine.

HCPCS Code B4161 or B4153

www.AbbottNutrition.com

Ensure® Clear Nutrition Drink

AVAILABLE AT RETAIL ONLY



Usage

ENSURE CLEAR is a fat-free, refreshing fruit-flavored nutrition drink that contains high-quality protein and essential nutrients. It is ideal for patients who prefer a fruit-flavored alternative to creamy shake-like supplements. Ensure Clear can benefit patients who have nutritional gaps they need to fill, have malnutrition, are at nutritional risk, or are experiencing involuntary weight loss.

- For oral use.

Features

- 180 Calories.
- Good source of high-quality protein (8 g/10 fl oz).
- 0 g of fat.
- Clear liquid nutrition.
- Refreshing fruit flavors provide taste alternative.
- Contains no fruit juice.
- #1 doctor-recommended brand.
- Kosher, halal (Blueberry Pomegranate), gluten-free.
- Suitable for lactose intolerance.

Precautions

- Not for people with galactosemia.
- Not for sole-source nutrition.

Availability

Flavor _____ List No. _____ NDC Format Code _____

— 10.0-fl oz (296.0-mL) Bottle; 12/case

Blueberry Pomegranate..... 5650070074-0565-01

Mixed Fruit 6247970074-0624-81

Technical Data		Nutrition Information		
Blueberry Pomegranate		Blueberry Pomegranate	10 fl oz	%DV*†
Caloric Density, Cal/mL	0.61	Protein, g	8	16
Protein, % Cal	18	Total Fat, g	0	0
Carbohydrate, % Cal	82	Saturated Fat, g	0	0
Fat, % Cal	0	Trans Fat, g	0	
Total Cal:g Nitrogen	144:1	Cholesterol, mg	5	2
Nonprotein Cal:g Nitrogen	118:1	Total Carbohydrate, g	37	13
Osmolality, mOsm/kg H ₂ O	341	Dietary Fiber, g	0	0
Renal Solute Load, mOsm/L	172	Total Sugars, g	18	
		Added Sugars, g	18	36
		Calories	180	
		Vit B1 (Thiamin), mg	0.3	25
		Vit B2 (Riboflavin), mg	0.33	25
		Vitamin B6, mg	0.43	25
		Vitamin B12, mcg	0.14	6
		Niacin, mg NE	4.0	25
		Biotin, mcg	4.5	15
		Pantothenic Acid, mg	0.8	15
		Sodium, mg	70	3
		Calcium, mg	40	4
		Phosphorus, mg	188	15
		Magnesium, mg	8.4	2
		Iodine, mcg	23	15
		Manganese, mg	0.35	15
		Copper, mg	0.14	15
		Zinc, mg	3.3	30
		Iron, mg	2.7	15
		Selenium, mcg	8.3	15
		Chromium, mcg	5.3	15
		Molybdenum, mcg	6.8	15

* The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 Calories a day is used for general nutrition advice.

† Not a significant source of vitamin D and potassium.

Ensure® Clear Nutrition Drink

Ingredients

Blueberry Pomegranate

Water, Corn Maltodextrin, Sugar, Whey Protein Isolate, Less than 0.5% of: Natural Flavor, Phosphoric Acid, Malic Acid, Citric Acid, Acesulfame Potassium, Sucralose, Red 40, Ferrous Sulfate, Zinc Sulfate, Niacinamide, Calcium Pantothenate, Blue 1, Manganese Sulfate, Copper Sulfate, Pyridoxine Hydrochloride, Thiamine Hydrochloride, Riboflavin, Chromium Chloride, Potassium Iodide, Sodium Selenate, Sodium Molybdate, Biotin, Vitamin B12

Contains milk ingredients.

HCPCS Code B4102 or 4103

www.AbbottNutrition.com

Ensure® Clear Therapeutic Nutrition



Usage

ENSURE CLEAR THERAPEUTIC NUTRITION is a great-tasting, clear liquid nutrition drink that contains high-quality protein and essential nutrients. It is fat-free, making it an ideal choice for patients on clear-liquid, pre- and post-surgical, bowel-prep, fat-malabsorptive, and fat-restricted diets. It is also ideal for patients who prefer a fruit-flavored alternative to creamy shake-like supplements. Ensure Clear Therapeutic Nutrition can benefit patients who have malnutrition, are at nutritional risk, or are experiencing involuntary weight loss.

- For oral use.
- Use under medical supervision.

Features

- 0 g of fat.
- 240 nutritious calories.
- Clear liquid nutrition.
- Good source of high-quality protein (8 g/8 fl oz).
- Refreshing fruit flavors provide taste alternative.
- 22 vitamins & minerals.
- Contains no fruit juice.
- #1 doctor-recommended brand.

- Halal (Apple only).
- Kosher, gluten-free, suitable for lactose intolerance.
- Not for IV use.

Precautions

- Not for sole-source nutrition.
- Not for people with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 8.0-fl oz (237.0-mL) Recloseable Carton; 24/case		
Apple.....	64903.....	70074-0649-01
Mixed Berry.....	64900.....	70074-0648-99

ENSURE® CLEAR THERAPEUTIC NUTRITION

Technical Data		Nutrition Information		
Apple		Apple	8 fl oz	%DV*†
Caloric Density, Cal/mL	101	Protein, g	8	16
Protein, % Cal	13	Total Fat, g	0	0
Carbohydrate, % Cal	87	Saturated Fat, g	0	0
Fat, % Cal	0	Trans Fat, g	0	0
Total Cal:g Nitrogen	191:1	Cholesterol, mg	5	<2
Nonprotein Cal:g Nitrogen	166:1	Total Carbohydrate, g	52	19
Osmolality, mOsm/kg H ₂ O	920	Dietary Fiber, g	0	0
Renal Solute Load, mOsm/L	205	Total Sugars, g	30	
		Added Sugars, g	30	60
		Water, mL	199	
		Calories	240	
		Vitamin A, mcg RAE	225	25
		Vitamin D, mcg	4	20
		Vitamin E, mg	2.25	15
		Vitamin K, mcg	18	15
		Vitamin C, mg	27	30
		Folate, mcg DFE	100	25
		Folic Acid, mcg	60	
		Vit B1 (Thiamin), mg	0.30	25
		Vit B2 (Riboflavin), mg	0.33	25
		Vitamin B6, mg	0.43	25
		Vitamin B12, mcg	0.6	25
		Niacin, mg NE	4	25
		Biotin, mcg	4.5	15
		Pantothenic Acid, mg	0.75	15
		Sodium, mg	70	3
		Sodium, mEq	3	
		Phosphorus, mg	188	15
		Phosphorus, mmol	6.1	
		Iodine, mcg	45	30
		Manganese, mg	0.23	10
		Copper, mg	0.14	15

* The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 Calories a day is used for general nutrition advice.

† Not a significant source of calcium and potassium.

Ensure® Clear Therapeutic Nutrition Ingredients

Apple

Water, Sugar, Corn Syrup Solids, Whey Protein Isolate, Less than 0.5% of: Vitamins & Minerals (Ascorbic Acid, Ferrous Sulfate, Zinc Sulfate, dl-Alpha-Tocopheryl Acetate, Calcium Pantothenate, Niacinamide, Manganese Sulfate, Copper Sulfate, Pyridoxine Hydrochloride, Vitamin A Palmitate, Thiamine Hydrochloride, Riboflavin, Folic Acid, Potassium Iodide, Chromium Chloride, Phylloquinone, Sodium Selenate, Sodium Molybdate, Vitamin D3, Biotin, Vitamin B12), Citric Acid, Phosphoric Acid, Natural & Artificial Flavor

Contains milk ingredients.

HCPCS Code B4102 or B4103

www.AbbottNutrition.com

Ensure[®] COMPLETE

Nutrition Shake

AVAILABLE AT RETAIL ONLY



Usage

ENSURE COMPLETE has the ALL-IN-ONE premium nutrition blend to support muscle, bone, immune, heart and digestive health. It is specially formulated to help maintain and regain lean body mass and strength in patients recovering from illness, injury, and surgery.

- For supplemental nutrition.
- For oral use.
- Use as part of a healthy diet.

Features

- Complete and balanced nutrition to gain or maintain a healthy weight.
- Excellent source (30 g/serving) of high-quality protein.
- Excellent source of calcium and vitamin D to support bone health.
- Excellent source (450 mg/serving) of plant-based omega-3 fatty acid ALA (30% of 1.6 g DV) to support heart health.
- Excellent source of antioxidants (vitamins C & E and selenium) to support immune health.
- Good source of fiber* (4 g/serving) to support digestive health.
- 25 essential vitamins and minerals.

- Concentrated calories (1.2 Cal/mL).
- #1 doctor-recommended brand.
- Halal, kosher, gluten-free.
- Suitable for lactose intolerance.

Precautions

- Not for people with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 10.0-fl oz (296.0-mL) Bottle; 16/case		
Vanilla	68053	70074-0680-54
Milk Chocolate	68056	70074-0680-57
Strawberry	68059	70074-0680-60

* Contains 8 grams of total fat per 10 fl oz serving.

Technical Data		Nutrition Information					
Milk Chocolate		Milk Chocolate	10 fl oz	%DV*	Milk Chocolate	10 fl oz	%DV*
Caloric Density, Cal/mL	1.2	Protein, g	30	60	Chloride, mEq	3.4 (5.6 Van., SB)	
Protein, % Cal	34	Total Fat, g	8	10	Calcium, mg	520	40
Carbohydrate, % Cal	45.5	Saturated Fat, g	1.5	8	Calcium, mEq	26	
Fat, % Cal	20.5	Polysaturated Fat, g	2		Phosphorus, mg	500	40
MCT:LCT	0	Monounsaturated Fat, g	3.5		Phosphorus, mmol	16.1	
Total Cal:g Nitrogen	74.2	Trans Fat, g	0		Magnesium, mg	84	20
Nonprotein Cal:g Nitrogen	48.8	Cholesterol, mg	20	7	Magnesium, mEq	6.9	
Osmolality, mOsm/kg H ₂ O	550	Total Carbohydrate, g	42	15	Iodine, mcg	38	25
Renal Solute Load, mOsm/L	663.7	Dietary Fiber, g	4	14	Manganese, mg	0.58	25
	(670.3 Van.)	Total Sugars, g	15		Copper, mg	0.32 (0.23 Van., SB)	35 (25 Van., SB)
		Added Sugars, g	15	29	Zinc, mg	7.7	70
		Calories	350		Iron, mg	4.5	25
		Vitamin A, mcg RAE	225	25	Selenium, mcg	28	50
		Vitamin D, mcg	10	50	Chromium, mcg	23 (9 Van., SB)	70 (25 Van., SB)
		Vitamin E, mg	15	100	Molybdenum, mcg	14 (18 Van., SB)	30 (40 Van., SB)
		Vitamin K, mcg	36	30			
		Vitamin C, mg	90	100			
		Folate, mcg DFE	140	35			
		Folic Acid, mcg	84				
		Vit B1 (Thiamin), mg	0.48	40			
		Vit B2 (Riboflavin), mg	0.52	40			
		Vitamin B6, mg	0.68	40			
		Vitamin B12, mcg	0.96 (1.68 Van., SB)	40 (70 Van., SB)			
		Niacin, mg NE	11.2	70			
		Choline, mg	140	25			
		Biotin, mcg	12	40			
		Pantothenic Acid, mg	2	40			
		Sodium, mg	230	10			
		Sodium, mEq	10				
		Potassium, mg	470	10			
		Potassium, mEq	12				
		Chloride, mg	120 (200 Van., SB)	6 (8 Van., SB)			

* The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 Calories a day is used for general nutrition advice.

Ensure® COMPLETE

Ingredients

Milk Chocolate

Water, Corn Syrup, Milk Protein Concentrate, Sugar, Calcium Caseinate, Cocoa Powder (Processed with Alkali), Canola Oil, Soy Protein Isolate, Short-chain Fructooligosaccharides, Less than 0.5% of: Vitamins & Minerals (Sodium Citrate, Ascorbic Acid, Magnesium Phosphate, Potassium Citrate, Sodium Phosphate, Potassium Phosphate, Choline Chloride, Potassium Hydroxide, dl-Alpha-Tocopheryl Acetate, Zinc Sulfate, Ferrous Sulfate, Niacinamide, Potassium Chloride, Calcium Pantothenate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Manganese Sulfate, Vitamin A Palmitate, Folic Acid, Phylloquinone, Potassium Iodide, Sodium Selenate, Biotin, Vitamin D3, Vitamin B12), Corn Oil, Soluble Corn Fiber, Natural & Artificial Flavor, Cellulose Gel, Monoglycerides, Soy Lecithin, Salt, Cellulose Gum, Acesulfame Potassium, Gellan Gum, Sucralose

Contains milk and soy ingredients.

Ensure® Enlive® Advanced Therapeutic Nutrition Shake



Usage

Patented ENSURE ENLIVE is designed to help rebuild strength and energy from the inside, with an ALL-IN-ONE blend to support muscle, bone, heart, immune, and digestive tract health. It is specially formulated to help maintain and rebuild lean body mass and strength in patients recovering from illness, injury and surgery.

- Recommend 2 servings per day as part of a healthy diet.
- For supplemental nutrition.
- For oral use.
- Use under medical supervision.

Features

- Has 1.5 g calcium beta-hydroxy-beta-methylbutyrate (CaHMB) and 20 g of protein/8 fl oz for muscle health.
- Excellent source (610 mg/8 fl oz) of plant-based omega-3 ALA (40% of 1.6 g DV) for heart health.
- Excellent source of antioxidants (vitamins C & E and selenium) to support normal immune function.

- 3 g prebiotic fiber to support growth of good bacteria in the digestive tract.
- 60% DV of vitamin D and 40% DV of calcium to support strong bones.
- 26 essential vitamins and minerals.
- Concentrated calories (1.5 Cal/mL) and excellent source of protein (20 g/8 fl oz).
- #1 doctor-recommended brand.
- Kosher, halal (excluding Vanilla), gluten-free, suitable for lactose intolerance.

Precautions

- Not for sole-source nutrition.
- Not for IV use.
- Not for people with galactosemia.

Availability (See page 224 for retail list numbers.)

Flavor	List No.	NDC Format Code
— 8.0-fl oz (237.0-mL) Bottle; 24/case		
Vanilla	64286	70074-0642-90
Chocolate	64283	70074-0642-84
Strawberry	64281	70074-0642-82

ENSURE® ENLIVE® ADVANCED THERAPEUTIC NUTRITION SHAKE

Technical Data		Nutrition Information		
Vanilla		Vanilla	8 fl oz	%DV*
Caloric Density, Cal/mL	1.5	Protein, g	20	40
Protein, % Cal	23	Total Fat, g	11	14
Carbohydrate, % Cal	49	Saturated Fat, g	1.5	8
Fat, % Cal	28	Polysaturated Fat, g	3.5	
Omega-6:Omega-3 Ratio	5:1	Monounsaturated Fat, g	5	
Total Cal:g Nitrogen	109:1	Trans Fat, g	0	
Nonprotein Cal:g Nitrogen	86:1	Cholesterol, mg	10	3
Osmolality, mOsm/kg H ₂ O	820 (920 Choc.)	Total Carbohydrate, g	44 (45 Choc.)	16
Renal Solute Load, mOsm/L	592	Dietary Fiber, g	3	11
		scFOS, g	3	
		Total Sugars, g	20 (22 Choc.)	
		Added Sugars, g	20 (22 Choc.)	40 (44 Choc.)
		Calories	350	
		Vitamin A, mcg RAE	225	25
		Vitamin D, mcg	12	60
		Vitamin E, mg	15	100
		Vitamin K, mcg	24	20
		Vitamin C, mg	63	70
		Folate, mcg DFE	160	40
		Folic Acid, mcg	96	
		Vit B1 (Thiamin), mg	0.48	40
		Vit B2 (Riboflavin), mg	0.52	40
		Vitamin B ₆ , mg	0.68	40
		Vitamin B12, mcg	0.96	40
		Niacin, mg NE	8	50
		Choline, mg	140	25
		Biotin, mcg	12	40
		Pantothenic Acid, mg	2	40
		Sodium, mg	260	11
		Sodium, mEq	11.3	
		Potassium, mg	560 (590 Choc.)	10
		Potassium, mEq	14.3 (15.1 Choc.)	
		Vanilla	8 fl oz	%DV*
		Chloride, mg	46	2
		Chloride, mEq	1.3	
		Calcium, mg	500	40
		Calcium, mEq	25	
		Phosphorus, mg	375	30
		Phosphorus, mmol	12.1	
		Magnesium, mg	84	20
		Magnesium, mEq	6.9	
		Iodine, mcg	38	25
		Manganese, mg	0.58	25
		Copper, mg	0.225	25
		Zinc, mg	7.7	70
		Iron, mg	4.5	25
		Selenium, mcg	27.5	50
		Chromium, mcg	9 (12.3 Choc.)	25 (35 Choc.)
		Molybdenum, mcg	11.3	25

* The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 Calories a day is used for general nutrition advice.

Ensure® Enlive® Advanced Therapeutic Nutrition Shake

Ingredients

Vanilla

Water, Corn Syrup, Sugar, Milk Protein Concentrate, Sodium Caseinate, Canola Oil, Short-chain Fructooligosaccharides, Corn Oil, Soy Protein Isolate, Calcium Beta-Hydroxy-Beta-Methylbutyrate, Potassium Hydroxide, Whey Protein Concentrate, Less than 0.5% of: Vitamins & Minerals (Potassium Citrate, Potassium Phosphate, Ascorbic Acid, Magnesium Hydroxide, Choline Chloride, Calcium Carbonate, Calcium Phosphate, Sodium Phosphate, dl-Alpha-Tocopheryl Acetate, Zinc Sulfate, Ferrous Sulfate, Niacinamide, Vitamin B12, Calcium Pantothenate, Manganese Sulfate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Vitamin A Palmitate, Copper Sulfate, Folic Acid, Sodium Selenate, Chromium Chloride, Potassium Iodide, Sodium Molybdate, Phylloquinone, Biotin, Vitamin D3), Natural & Artificial Flavor, Cellulose Gel, Soy Lecithin, Monoglycerides, Cellulose Gum, L-Carnitine, Carrageenan

Contains milk and soy ingredients.

HCPCS Code B4152

www.AbbottNutrition.com

Ensure® High Protein Therapeutic Nutrition Shake



Usage

ENSURE HIGH PROTEIN is high in protein to support muscle health and low in fat.

- For oral use.
- For supplemental nutrition.
- Use as part of a healthy diet.
- Use under medical supervision.

Features

- Excellent source of protein (16 g/8 fl oz).
- 27 essential vitamins & minerals.
- Low fat (2 g/8 fl oz).
- #1 doctor-recommended brand.
- Kosher, halal, gluten-free, suitable for lactose intolerance.

Precautions

- Not for sole-source nutrition.
- Not for IV use.
- Not for people with galactosemia.

Availability (See page 224 for retail list numbers.)

Flavor	List No.	NDC Format Code
— 8.0-fl oz (237.0-mL) Bottle; 24/case		
Vanilla	64136	70074-0641-37
Milk Chocolate	64134	70074-0641-35
— 8.0-fl oz (237.0-mL) Recloseable Carton; 24/case		
Vanilla	64898	70074-0648-96
Milk Chocolate	64895	70074-0648-94

ENSURE® HIGH PROTEIN THERAPEUTIC NUTRITION SHAKE

Technical Data		Nutrition Information					
Vanilla		Vanilla	8 fl oz	%DV*	Vanilla	8 fl oz	%DV*
Caloric Density, Cal/mL	0.67	Protein, g	16	32	Chloride, mEq	6.5	
Protein, % Cal	41	Total Fat, g	2	3	Calcium, mg	520	40
Carbohydrate, % Cal	48	Saturated Fat, g	0.5	3	Calcium, mEq	25.9	
Fat, % Cal	11	Polyunsaturated Fat, g	0.5		Phosphorus, mg	310	25
Omega-6:Omega-3 Ratio	3:1	Monounsaturated Fat, g	1		Phosphorus, mmol	10.0	
Total Cal:g Nitrogen	63:1	Trans Fat, g	0		Magnesium, mg	84	20
Nonprotein Cal:g Nitrogen	37:1	Cholesterol, mg	20	7	Magnesium, mEq	6.9	
Osmolality, mOsm/kg H ₂ O	280	Total Carbohydrate, g	19	7	Iodine, mcg	38	25
Renal Solute Load, mOsm/L	502	Dietary Fiber, g	<1	<3	Manganese, mg	0.58	25
		Total Sugars, g	4		Copper, mg	0.23	25
		Added Sugars, g	4	7	Zinc, mg	3.3	30
		Calories	160		Iron, mg	4.5	25
		Vitamin A, mcg RAE	230	25	Selenium, mcg	14	25
		Vitamin D, mcg	8	40	Chromium, mcg	9	25
		Vitamin E, mg	7.5	50	Molybdenum, mcg	11	25
		Vitamin K, mcg	24	20			
		Vitamin C, mg	45	50			
		Folate, mcg DFE	160	40			
		Folic Acid, mcg	96				
		Vit B1 (Thiamin), mg	0.48	40			
		Vit B2 (Riboflavin), mg	0.52	40			
		Vitamin B6, mg	0.68	40			
		Vitamin B12, mcg	0.96	40			
		Niacin, mg NE	9.6	60			
		Choline, mg	140	25			
		Biotin, mcg	12	40			
		Pantothenic Acid, mg	2	40			
		Sodium, mg	210	9			
		Sodium, mEq	9.1				
		Potassium, mg	470	10			
		Potassium, mEq	12				
		Chloride, mg	230	10			

* The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 Calories a day is used for general nutrition advice.

Ensure® High Protein Therapeutic Nutrition Shake

Ingredients

Vanilla

Water, Milk Protein Concentrate, Corn Maltodextrin, Sugar, Soy Protein Isolate, Canola Oil, Less than 0.5% of: Vitamins & Minerals (Magnesium Phosphate, Calcium Carbonate, Potassium Citrate, Sodium Citrate, Sodium Ascorbate, Choline Chloride, Calcium Phosphate, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, Zinc Sulfate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Pyridoxine Hydrochloride, Thiamine Hydrochloride, Riboflavin, Potassium Chloride, Copper Sulfate, Vitamin A Palmitate, Folic Acid, Potassium Iodide, Chromium Chloride, Sodium Selenate, Sodium Molybdate, Phylloquinone, Biotin, Vitamin D3, Vitamin B12), Natural & Artificial Flavor, Cellulose Gel, Salt, Carrageenan, Cellulose Gum, Gellan Gum, Acesulfame Potassium, Sucralose

Contains milk and soy ingredients.

HCPCS Code B4150

www.AbbottNutrition.com

Ensure[®] Max Protein

Nutrition Shake



AVAILABLE AT RETAIL ONLY

Usage

ENSURE MAX PROTEIN is a high-protein, low-fat nutrition shake with 1 g of sugar for people who need extra protein.

Features

- Excellent source of protein (30 g/11 fl oz).
- Milk Chocolate with Caffeine and Café Mocha include 100 mg of caffeine (as much as a cup of coffee).
- With nutrients for immune system support: protein, vitamin A, vitamin D, zinc, antioxidants (vitamins C & E and selenium).
- Gluten-free, halal, kosher, suitable for lactose intolerance.

Precautions

- For oral use only.
- Not for people with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 11.0-fl oz (330.0-mL) Recloseable Carton; 12/case		
French Vanilla	67165	70074-0671-66
Milk Chocolate	66899	70074-0668-97
Creamy Strawberry (CS)	68169	70074-0681-70
Milk Chocolate with Caffeine	68166	70074-0681-67
Café Mocha	66893	70074-0668-91
Creamy Peach (CP)	68463	70074-0684-65
Cherry Cheesecake (CC)	68460	70074-0684-62

Technical Data		Nutrition Information					
Milk Chocolate		Milk Chocolate	11 fl oz	%DV*	Milk Chocolate	11 fl oz	%DV*
Caloric Density, Cal/mL	0.45	Protein, g	30	60	Chloride, mg	230 (340 CC, CP, CS, Van.)	10 [†]
Protein, % Cal	80	Total Fat, g	1.5 (1 Mocha; 2 CC, CP, CS, Van.)	2 [†]	Chloride, mEq	6.5 (9.6 Mocha, CC, CP, CS, Van.)	
Carbohydrate, % Cal	11 (14 Mocha; 8 CC, CP, CS, Van.)	Saturated Fat, g	0.5	3	Calcium, mg	650	50
		Trans Fat, g	0		Calcium, mEq	32.4	
		Cholesterol, mg	20	7	Phosphorus, mg	500	40
Fat, % Cal	9 (6 Mocha; 12 CC, CP, CS, Van.)	Total Carbohydrate, g	7 (8 Mocha; 6 CC, CP, CS, Van.)	3 [‡]	Phosphorus, mmol	16.1	
		Dietary Fiber, g	4	14	Magnesium, mg	147 (105 Mocha, CC, CP, CS, Van.)	35 [§]
		Total Sugars, g	1		Magnesium, mEq	121 (8.6 Van., CS, Mocha, CC, CP)	
Omega-6:Omega-3 Ratio	26.2:1 (41:1 Mocha; 52:1 CC, CP, Van.)	Added Sugars, g	0	0	Iodine, mcg	45 (38 Mocha, CC, CP, CS, Van.)	30 [#]
		L-Carnitine, mg	0		Manganese, mg	0.58	25
		Taurine, mg	0		Copper, mg	0.36 (0.23 Mocha, CC, CP, CS, Van.)	40 [¶]
MCT:LCT Ratio	0	Calories	150		Zinc, mg	5.0	45
Total Cal:g Nitrogen	31.9:1	Vitamin A, mcg RAE	270	30	Iron, mg	2.7	15
Nonprotein Cal:g Nitrogen	6.4:1	Vitamin D, mcg	11	60	Selenium, mcg	25	45
Osmolality, mOsm/kg H ₂ O	162 (173 Mocha; 180 CC, CP, CS, Van.)	Vitamin E, mg	3.8	25	Chromium, mcg	9	35 [¶]
		Vitamin K, mcg	24	20	Molybdenum, mcg	20.3	45
		Vitamin C, mg	45	50			
Renal Solute Load, mOsm/L	600 (602 Mocha; 608 CC, CP, CS, Van.)	Folate, mcg DFE	100	25			
		Folic Acid, mcg	60				
		Vit B1 (Thiamin), mg	0.3	25			
		Vit B2 (Riboflavin), mg	0.59	45			
		Vitamin B6, mg	0.51	30			
		Vitamin B12, mcg	0.6	25			
		Niacin, mg NE	8	50			
		Choline, mg	83	15			
		Biotin, mcg	7.5	25			
		Pantothenic Acid, mg	1.8	35			
		M-Inositol, mg	0				
		Sodium, mg	250 (240 Mocha; 230 CC, CP, CS, Van.)	11 [§]			
		Sodium, mEq	10.9 (10.4 Mocha; 10.0 CC, CP, CS, Van.)				
Potassium, mg	380 (420 Mocha; 390 CC, CP, CS, Van.)	8 [¶]					
Potassium, mEq	9.7 (10.7 Mocha; 10.0 CC, CP, CS, Van.)						

* The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 Calories a day is used for general nutrition advice.

† (1 Mocha; 3 CC, CP, CS, Van.)

‡ (2 CC, CP, CS, Van.)

§ (10 CC, CP, CS, Van., Mocha).

|| (10 Mocha).

¶ (15 CC, CP, CS, Van.)

(25 Mocha, CC, CP, CS, Van.)

Ensure® Max Protein

Ingredients

Milk Chocolate

Water, Milk Protein Concentrate, Calcium Caseinate, Cocoa Powder (Processed with Alkali), Less than 0.5% of: Vitamins & Minerals (Magnesium Phosphate, Sodium Ascorbate, Potassium Phosphate, Sodium Phosphate, Choline Chloride, Potassium Hydroxide, Zinc Sulfate, dl-Alpha-Tocopheryl Acetate, Ferrous Sulfate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Copper Sulfate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Vitamin A Palmitate, Folic Acid, Phylloquinone, Sodium Molybdate, Potassium Iodide, Sodium Selenate, Vitamin D3, Biotin, Vitamin B12, Soluble Corn Fiber, Short-chain Fructooligosaccharides, Natural & Artificial Flavor, High Oleic Sunflower Oil, Salt, Cellulose Gel, Acesulfame Potassium, Cellulose Gum, Sucralose, Carrageenan

HCPCS Code A9270

www.AbbottNutrition.com

Ensure® Original Shake



AVAILABLE AT RETAIL ONLY

Usage

ENSURE ORIGINAL can benefit patients who are malnourished, at risk of malnutrition, or experiencing involuntary weight loss.

- For oral use.
- For interim sole-source nutrition.

Features

- Good source of protein (9 g/8 fl oz).
- Good source of 27 essential vitamins and minerals.
- Excellent source (320 mg/8 fl oz) of plant-based omega-3 fatty acid alpha-linolenic acid (ALA, 20% of 1.6 g DV) to support heart health.
- Excellent source of vitamin D to support bone health.
- #1 doctor-recommended brand.
- Kosher, halal, gluten-free.
- Suitable for lactose intolerance.

Precautions

- Not for IV use.
- Not for people with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 8.0-fl oz (237.0-mL) Bottle; 24/case		
Vanilla	57243	.70074-0407-11
Milk Chocolate	57231	.70074-0407-01
Strawberry	57234	.70074-0407-05
Dark Chocolate	53806	.70074-0538-07
Coffee Latte	57237	.70074-0560-16
Butter Pecan	57240	.70074-0517-85
Banana Nut	66910	.70074-0669-11

Technical Data		Nutrition Information					
Vanilla		Vanilla	8 fl oz	%DV*	Vanilla	8 fl oz	%DV*
Caloric Density, Cal/mL	0.93	Protein, g	9	18	Chloride, mg	230	10
Protein, % Cal	17	Total Fat, g	6	8	Chloride, mEq	6.5	
Carbohydrate, % Cal	58	Saturated Fat, g	1	5	Calcium, mg	330	25
Fat, % Cal	25	Polysaturated Fat, g	2		Calcium, mEq	16.5	
Omega-6:Omega-3 Ratio	4.5:1	Monounsaturated Fat, g	3		Phosphorus, mg	250	20
MCT:LCT	0	Trans Fat, g	0		Magnesium, mg	84	20
Total Cal:g Nitrogen	155:1	Cholesterol, mg	<5	<2	Magnesium, mEq	6.9	
Nonprotein Cal:g Nitrogen	129:1	Total Carbohydrate, g	32 (33 Choc.)	12	Iodine, mcg	38	25
Osmolality, mOsm/kg H2O	430;	Dietary Fiber, g	<1 (1 Choc.; 2 Dk Choc.)	<3	Manganese, mg	0.58 (0.69 Dk Choc.)	25
	460 (Choc.)	Total Sugars, g	10		Copper, mg	0.23†	25
Renal Solute Load, mOsm/L	333	Added Sugars, g	9	18	Zinc, mg	3.3	30
		Calories	220		Iron, mg	4.5	25
		Vitamin A, mcg RAE	225	25	Selenium, mcg	13.8 (16.5 Dk Choc.)	25
		Beta-Carotene, mg	0		Chromium, mcg	8.75 (17.5 Dk Choc.)	25
		Vitamin D, mcg	8	40	Molybdenum, mcg	15.8	35
		Vitamin E, mg	7.5	50			
		Vitamin K, mcg	24	20			
		Vitamin C, mg	72	80			
		Folate, mcg DFE	100	25			
		Folic Acid, mcg	60				
		Vit B1 (Thiamin), mg	0.30	25			
		Vit B2 (Riboflavin), mg	0.39	30			
		Vitamin B6, mg	0.51	30			
		Vitamin B12, mcg	0.60 (0.48 Dk Choc.)	25			
		Niacin, mg NE	5.6	35			
		Choline, mg	137.5	25			
		Biotin, mcg	7.5	25			
		Pantothenic Acid, mg	1.5	30			
		Sodium, mg	210	9			
		Sodium, mEq	9.1				
		Potassium, mg	470	10			
		Potassium, mEq	12.1				

* The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 Calories a day is used for general nutrition advice.

† (0.32 Choc., 0.45 Dk Choc.)

Ensure® Original Shake

Ingredients

Vanilla

Water, Corn Maltodextrin, Sugar, Milk Protein Concentrate, Blend of Vegetable Oils (Canola, Corn), Soy Protein Isolate, Nonfat Milk, Less than 0.5% of: Vitamins & Minerals (Potassium Citrate, Magnesium Phosphate, Calcium Carbonate, Sodium Citrate, Ascorbic Acid, Choline Chloride, Calcium Phosphate, Potassium Chloride, Potassium Hydroxide, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, Zinc Sulfate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Pyridoxine Hydrochloride, Thiamine Hydrochloride, Copper Sulfate, Riboflavin, Vitamin A Palmitate, Folic Acid, Potassium Iodide, Chromium Chloride, Sodium Selenate, Sodium Molybdate, Phylloquinone, Biotin, Vitamin D3, Vitamin B12), Natural & Artificial Flavor, Cellulose Gel, Salt, Cellulose Gum, Monoglycerides, Soy Lecithin, Carrageenan, Sucralose

Contains milk and soy ingredients.

HCPSC Code B4150

www.AbbottNutrition.com

Ensure® Original Therapeutic Nutrition Shake

Complete Therapeutic Nutrition



Usage

ENSURE ORIGINAL THERAPEUTIC NUTRITION can benefit patients who have malnutrition, are at nutritional risk, or are experiencing involuntary weight loss.

- For oral use only.
- For interim sole-source nutrition.
- Use under medical supervision.

Features

- Complete, Balanced Nutrition®.
- Good source of protein (9 g/8 fl oz).
- 27 vitamins and minerals.
- Excellent source (320 mg/8 fl oz) of plant-based omega-3 fatty acid alpha-linolenic acid (ALA, 20% of 1.6 g DV) to support heart health.
- 25% DV of vitamin D to support bone health.

- #1 doctor-recommended brand.
- Kosher, halal, gluten-free, suitable for lactose intolerance.

Precautions

- Not for IV use.
- Not for people with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 8.0-fl oz (237.0-mL) Bottle; 24/case		
Vanilla	58297	70074-0582-98
Milk Chocolate	58293	70074-0582-94
Strawberry	58295	70074-0582-96
— 8.0-fl oz (237.0-mL) Recloseable Carton; 24/case		
Vanilla	64931	70074-0649-30
Milk Chocolate	64937	70074-0649-36
Strawberry	64933	70074-0649-32
Butter Pecan	64935	70074-0649-34

ENSURE® ORIGINAL THERAPEUTIC NUTRITION SHAKE

Technical Data		Nutrition Information					
Vanilla		Vanilla			Vanilla		
		8 fl oz	1 L	8 fl oz	1 L	8 fl oz	1 L
Caloric Density, Cal/mL	1.05	Protein, g	9	38	Chloride, mg	230	970
Protein, % Cal	14	Total Fat, g	6	25	Chloride, mEq	6.5	27
Carbohydrate, % Cal	64	Saturated Fat, g	1	4	Calcium, mg	330	1392
Fat, % Cal	22	Polysaturated Fat, g	2	8	Calcium, mEq	16.5	70
Omega-6:Omega-3 Ratio	4.07:1	Monounsaturated Fat, g	3	13	Phosphorus, mg	188	793
MCT:LCT	0	Trans Fat, g	0	0	Phosphorus, mmol	6.1	25.6
Total Cal/g Nitrogen	176:1	Cholesterol, mg	<5	21	Magnesium, mg	84	354
Nonprotein Cal/g Nitrogen	151:1	Total Carbohydrate, g	41 (42 Choc.)	173 (177 Choc.)	Magnesium, mEq	6.9	29
Osmolality, mOsm/kg H2O	650	Dietary Fiber, g	3	13	Iodine, mcg	38	160
Renal Solute Load, mOsm/L	333	scFOS, g	3	13	Manganese, mg	0.58	2.4
		Total Sugars, g	23 (22 Choc.)	97 (93 Choc.)	Copper, mg	0.23	0.95
		Added Sugars, g	22 (21 Choc.)	93 (89 Choc.)	Zinc, mg	3.3	14
		Calories	250	1055	Iron, mg	4.5	19
		Vitamin A, mcg RAE	225	949	Selenium, mcg	13.8	58
		Vitamin D, mcg	5	21	Chromium, mcg	8.8	37
		Vitamin E, mg	8	34	Molybdenum, mcg	11.3	48
		Vitamin K, mcg	24	101			
		Vitamin C, mg	45	190			
		Folate, mcg DFE	100	422			
		Folic Acid, mcg	60	253			
		Vit B1 (Thiamin), mg	0.3	1.3			
		Vit B2 (Riboflavin), mg	0.33	1.4			
		Vitamin B6, mg	0.43	1.8			
		Vitamin B12, mcg	0.6	2.5			
		Niacin, mg	5.6	23.6			
		Choline, mg	138	580			
		Biotin, mcg	7.5	31.6			
		Pantothenic Acid, mg	1.25	5.3			
		Sodium, mg	210	886			
		Sodium, mEq	9.1	39			
		Potassium, mg	470	1980			
		Potassium, mEq	12	51			

Ensure® Original Therapeutic Nutrition Shake

Ingredients

Vanilla

Water, Sugar, Corn Maltodextrin, Milk Protein Concentrate, Blend of Vegetable Oils (Canola, Corn), Soy Protein Isolate, Short-chain Fructooligosaccharides, Nonfat Milk, Less than 0.5% of: Vitamins & Minerals (Potassium Citrate, Magnesium Phosphate, Calcium Carbonate, Sodium Citrate, Calcium Phosphate, Choline Chloride, Ascorbic Acid, Potassium Chloride, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, Zinc Sulfate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Pyridoxine Hydrochloride, Thiamine Hydrochloride, Copper Sulfate, Riboflavin, Vitamin A Palmitate, Folic Acid, Chromium Chloride, Potassium Iodide, Sodium Selenate, Sodium Molybdate, Phylloquinone, Biotin, Vitamin D3, Vitamin B12), Natural & Artificial Flavor, Cellulose Gel, Salt, Cellulose Gum, Soy Lecithin, Monoglycerides, Carrageenan

Contains milk and soy ingredients.

HCPCS Code B4150

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Ensure® Plant-Based Protein

Nutrition Shake

AVAILABLE AT RETAIL ONLY



Usage

ENSURE PLANT-BASED PROTEIN is a good source of protein to support muscle health and a good source of fiber to support digestive health.

- ENSURE PLANT-BASED PROTEIN is vegetarian and vegan-friendly, non-GMO ingredients, dairy-free, soy-free, and contains no artificial colors, flavors, or sweeteners.
- The protein is 100% plant-based, sourced from fava beans and peas.
- Ideal for patients who prefer a plant-based protein nutrition shake.

Features

- 20 g plant-based protein, 180 Calories, 5 g fiber.
- 25 essential vitamins and minerals.
- Available in Vanilla and Chocolate.
- Lactose-free (dairy-free).
- Gluten-free, kosher.
- Halal (Vanilla only).
- For oral use only.

Availability

Flavor	List No.	NDC Format Code
— 11.0-fl oz (330.0-mL) Recloseable Carton; 12/case		
Vanilla	67450	70074-0674-51
Chocolate	67453	70074-0674-55

Technical Data		Nutrition Information		
Vanilla		Vanilla	11 fl oz	%DV*
Caloric Density, Cal/mL	0.55	Protein, g	20	24
Protein, % Cal	44	Total Fat, g	6	8
Carbohydrate, % Cal	26	Saturated Fat, g	1	5
Fat, % Cal	30	Polyunsaturated Fat, g	1.5	
Total Cal/g Nitrogen	56:1	Monounsaturated Fat, g	3.5	
Nonprotein Cal/g Nitrogen	31:1	Trans Fat, g	0	
Osmolality, mOsm/kg H ₂ O	228	Cholesterol, mg	0	0
	(248 Choc.)	Total Carbohydrate, g	13 (14 Choc.)	5
		Dietary Fiber, g	5	18
		Sugars, g	7	
		Added Sugars, g	7	14
		Calories	180	
		Vitamin A, mcg RAE	225	25
		Vitamin D, mcg	10	50
		Vitamin E, mg	3.75	25
		Vitamin K, mcg	36	30
		Vitamin C, mg	45	50
		Folate, mcg DFE	100	25
		Folic Acid, mcg	60	
		Vit B1 (Thiamin), mg	0.48	40
		Vit B2 (Riboflavin), mg	0.33	25
		Vitamin B6, mg	0.43	25
		Vitamin B12, mcg	0.6	25
		Niacin, mg NE	4	25
		Choline, mg	138	25
		Biotin, mcg	7.5	25
		Pantothenic Acid, mg	1.25	25
		Sodium, mg	300	13
		Sodium, mEq	13.0	
		Potassium, mg	470 (700 Choc.)	10 (15 Choc.)
		Potassium, mEq	12 (17.9 Choc.)	
		Calcium, mg	400	30

* The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 Calories a day is used for general nutrition advice.

Ensure® Plant-Based Protein Ingredients

Vanilla
 Water, Fava Bean Protein Isolate, Organic Sugar, High Oleic Safflower Oil, Chicory Root Fiber, Pea Protein Concentrate, Less than 0.5% of: Vitamins & Minerals (Calcium Phosphate, Magnesium Phosphate, Potassium Citrate, Sodium Citrate, Ascorbic Acid, Potassium Hydroxide, Choline Chloride, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, Niacinamide, Zinc Sulfate, Calcium Pantothenate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Manganese Sulfate, Vitamin A Palmitate, Copper Sulfate, Folic Acid, Potassium Iodide, Chromium Chloride, Phylloquinone, Sodium Selenate, Vitamin D3 [Plant-Based], Sodium Molybdate, Biotin, Vitamin B12), Cellulose Gel, Natural Flavor, Oat Fiber, Sunflower Lecithin, Cellulose Gum, Stevia Leaf Extract, Monk Fruit Extract

Ensure® Plus Nutrition Shake

Complete, Balanced Nutrition®



AVAILABLE AT RETAIL ONLY

Usage

ENSURE PLUS provides concentrated calories and protein to help patients gain or maintain healthy weight. It can benefit patients who have malnutrition, are at nutritional risk, or are experiencing involuntary weight loss.

- For oral use.
- For interim sole-source nutrition.
- To help gain or maintain a healthy weight.

Features

- 50% more calories than Ensure® Original (350 vs 220 Cal/8 fl oz).
- 75% more protein than Ensure Original (16 vs 9 g/8 fl oz).
- Excellent source of vitamin D and calcium to support bone health.
- Concentrated calories (1.5 Cal/mL) and an excellent source of protein (16 g/8 fl oz).
- Excellent source (650 mg/8 fl oz) of plant-based omega-3 fatty acid alpha-linolenic acid (ALA, 40% of 1.6 g DV) to support heart health.
- 27 vitamins and minerals.

- #1 doctor-recommended brand.
- Kosher, halal, gluten-free.
- Suitable for lactose intolerance.

Precautions

- Not for IV use.
- Not for people with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 8.0-fl oz (237.0-mL) Bottle; 16/case		
Milk Chocolate (MC)	66544	70074-0407-02
— 8.0-fl oz (237.0-mL) Bottle; 24/case		
Vanilla	57263	70074-0407-07
Milk Chocolate (MC)	57266	70074-0407-02
Strawberry	57269	70074-0407-18
Butter Pecan	57272	70074-0517-87
Dark Chocolate (DC)	53809	70074-0538-10

ENSURE® PLUS NUTRITION SHAKE

Technical Data		Nutrition Information		
Vanilla		Vanilla	8 fl oz	%DV*
Caloric Density, Cal/mL	1.5	Protein, g	16	32
Protein, % Cal	18	Total Fat, g	11	14
Carbohydrate, % Cal	54	Saturated Fat, g	1 (1.5 MC & DC)	5
Fat, % Cal	28	Polyunsaturated Fat, g	4	
Omega-6:Omega-3 Ratio	4.5:1	Monounsaturated Fat, g	5	
MCT:LCT	0	Trans Fat, g	0	
Total Cal:g Nitrogen	138:1	Cholesterol, mg	10	3
Nonprotein Cal:g Nitrogen	113:1	Total Carbohydrate, g	47 (48 MC)	17
Osmolality, mOsm/kg H ₂ O	658;	Dietary Fiber, g	0 (1 MC & DC)	0
	670 (MC);	Total Sugars, g	20 (22 MC & 19 DC)	
	695 (DC)	Added Sugars, g	19 (21 MC & 18 DC)	
Renal Solute Load, mOsm/L	501.5	Calories	350	
	(505.2 DC)	Vitamin A, mcg RAE	225	25
		Beta-Carotene, mg	0	
		Vitamin D, mcg	8	40
		Vitamin E, mg	7.5	50
		Vitamin K, mcg	24	20
		Vitamin C, mg	45	50
		Folate, mcg DFE	100	25
		Folic Acid, mcg	60	
		Vit B1 (Thiamin), mg	0.3	25
		Vit B2 (Riboflavin), mg	0.39	30
		Vitamin B ₆ , mg	0.5	30
		Vitamin B12, mcg	0.60	25
		Niacin, mg NE	7.2	45
		Choline, mg	140	25
		Biotin, mcg	7.5	25
		Pantothenic Acid, mg	1.5	30
		Sodium, mg	210 (230 DC)	9
		Sodium, mEq	9.1 (10.0 DC)	
		Potassium, mg	470	10
		Potassium, mEq	12.0	

* The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 Calories a day is used for general nutrition advice.

† (0.7 MC & 0.8 DC).

‡ (0.36 MC & 0.45 DC).

Ensure® Plus Nutrition Shake

Ingredients

Vanilla

Water, Corn Maltodextrin, Sugar, Milk Protein Concentrate, Blend of Vegetable Oils (Canola, Corn), Soy Protein Isolate, Less than 0.5% of: Vitamins & Minerals (Potassium Citrate, Magnesium Phosphate, Sodium Citrate, Potassium Chloride, Choline Chloride, Ascorbic Acid, Calcium Carbonate, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, Calcium Phosphate, Zinc Sulfate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Pyridoxine Hydrochloride, Thiamine Hydrochloride, Copper Sulfate, Riboflavin, Vitamin A Palmitate, Folic Acid, Potassium Iodide, Chromium Chloride, Sodium Selenate, Sodium Molybdate, Phylloquinone, Vitamin D3, Biotin, Vitamin B12), Nonfat Milk, Natural & Artificial Flavor, Soy Lecithin, Cellulose Gel, Cellulose Gum, Salt, Carrageenan

Contains milk and soy ingredients.

HCPCS Code B4152

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Ensure® Plus Therapeutic Nutrition

Complete, Balanced Nutrition
to Help Gain or Maintain
a Healthy Weight



Usage

ENSURE PLUS provides concentrated calories and protein to help patients gain or maintain healthy weight. It can benefit patients who have malnutrition, are at nutritional risk, or are experiencing involuntary weight loss.

- For oral use.
- For interim sole-source nutrition.
- Use under medical supervision.

Features

- Complete, Balanced Nutrition®.
- 27 vitamins and minerals.
- 40% more calories than Ensure® Original Therapeutic Nutrition (350 vs 250 Cal/8 fl oz).
- 40% DV of vitamin D in 8 fl oz to support bone health.
- Concentrated calories (1.5 Cal/mL) and an excellent source of protein (13 g/8 fl oz).

- Excellent source (650 mg/8 fl oz) of plant-based omega-3 fatty acid alpha-linolenic acid (ALA, 40% of 1.6 g DV) to support heart health.
- Good source of fiber (3 g scFOS/8 fl oz) to help maintain regularity.
- #1 doctor-recommended brand.
- Kosher, halal, gluten-free, suitable for lactose intolerance.

Precautions

- Not for IV use.
- Not for people with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 32.0-fl oz (946.0-mL) Bottle; 6/case		
Vanilla	58251	70074-0582-52
— 8.0-fl oz (237.0-mL) Bottle; 24/case		
Vanilla	58303	70074-0583-04
Milk Chocolate	58299	70074-0583-00
Strawberry	58301	70074-0583-02
— 8.0-fl oz (237.0-mL) Recloseable Carton; 24/case		
Vanilla	64905	70074-0649-04
Milk Chocolate	64911	70074-0649-10
Strawberry	64907	70074-0649-06
Butter Pecan	64909	70074-0649-08

Ensure® Plus High Protein Therapeutic Nutrition

Complete Therapeutic Nutrition



Usage

ENSURE PLUS HIGH PROTEIN can benefit patients who have malnutrition, are at nutritional risk, or are experiencing involuntary weight loss.

- Recommend 1-2 servings per day as part of a healthy diet.
- For oral use.
- For supplemental use.
- Use under medical supervision.

Features

- Complete, balanced nutrition and 350 Calories to help gain or maintain a healthy weight.
- 60% DV of vitamin D to support bone health.
- 2x more protein than Ensure® Original.*
- 26 vitamins and minerals.
- #1 doctor-recommended brand.
- Kosher, halal, gluten-free, suitable for lactose intolerance.

- Good source of prebiotic fiber† (3 g scFOS/serving) to help maintain regularity and promote digestive tract health.

Precautions

- Not for sole-source nutrition.
- Not for IV use.
- Not for people with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 8.0-fl oz (237.0-mL) Recloseable Carton; 24/case		
Vanilla (Van.)	68234	70074-0682-35
Milk Chocolate	68230	70074-0682-31
Strawberry (Str.)	68232	70074-0682-33
Butter Pecan (BP)	68236	70074-0682-37

* Ensure Plus High Protein: 20 g/8 fl oz compared to Ensure Original: 9 g/8 fl oz.

† Contains 13 grams of total fat per 8-fl-oz serving.

ENSURE® PLUS HIGH PROTEIN THERAPEUTIC NUTRITION

Technical Data		Nutrition Information					
Milk Chocolate		Milk Chocolate	8 fl oz	%DV	Milk Chocolate	8 fl oz	%DV
Caloric Density, Cal/mL	1.5	Protein, g	20	40	Chloride, mg	180	8
Protein, % Cal	23	Total Fat, g	13	17	Chloride, mEq	5.1	
Carbohydrate, % Cal	44	Saturated Fat, g	1.5	8	Calcium, mg	330	25
Fat, % Cal	33	Polysaturated Fat, g	5		Calcium, mEq	16.5	
Omega-6:Omega-3 Ratio	5.5:1	Monounsaturated Fat, g	6		Phosphorus, mg	250	20
Total Cal:g Nitrogen	111:1	Trans Fat, g	0		Phosphorus, mmol	8.1	
Nonprotein Cal:g Nitrogen	86:1	Cholesterol, mg	15	5	Magnesium, mg	85	20
Osmolality, mOsm/kg H ₂ O	840	Total Carbohydrate, g	41 (40 Van., BP, Str.)	15	Magnesium, mEq	7	
	(760 Van., BP, Str.)	Dietary Fiber, g	3	11	Iodine, mcg	38	25
		scFOS, g	3		Manganese, mg	0.58	25
Renal Solute Load, mOsm/L	590	Total Sugars, g	22 (20 Van., BP, Str.)		Copper, mg	0.23	25
		Added Sugars, g	22 (20 Van., BP, Str.)	44*	Zinc, mg	7.7	70
		Calories	350		Iron, mg	4.5	25
		Vitamin A, mcg RAE	230	25	Selenium, mcg	28	50
		Vitamin D, mcg	12	60	Chromium, mcg	12 (9 Van., BP, Str.)	35†
		Vitamin E, mg	15	100	Molybdenum, mcg	11	25
		Vitamin K, mcg	24	20			
		Vitamin C, mg	63	70			
		Folate, mcg DFE	160	40			
		Folic Acid, mcg	96				
		Vit B1 (Thiamin), mg	0.48	40			
		Vit B2 (Riboflavin), mg	0.52	40			
		Vitamin B6, mg	0.68	40			
		Vitamin B12, mcg	0.96	40			
		Niacin, mg NE	8	50			
		Choline, mg	140	25			
		Biotin, mcg	12	40			
		Pantothenic Acid, mg	2	40			
		Sodium, mg	200	9			
		Sodium, mEq	8.7				
		Potassium, mg	470	10			
		Potassium, mEq	12				

* (40 Van., BP, Str.)

† (25 Van., BP, Str.)

Ensure® Plus High Protein Therapeutic Nutrition

Ingredients

Milk Chocolate

Water, Corn Syrup, Sugar, Blend of Vegetable Oils (Canola, Corn), Milk Protein Concentrate, Calcium Caseinate, Cocoa Powder (Processed with Alkali), Short-chain Fructooligosaccharides, Soy Protein Isolate, Less than 1% of: Vitamins & Minerals (Potassium Citrate, Magnesium Phosphate, Ascorbic Acid, Choline Chloride, Calcium Carbonate, Potassium Hydroxide, dl-Alpha-Tocopheryl Acetate, Zinc Sulfate, Ferrous Sulfate, Niacinamide, Calcium Pantothenate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Manganese Sulfate, Riboflavin, Copper Sulfate, Vitamin A Palmitate, Folic Acid, Sodium Selenate, Potassium Iodide, Phylloquinone, Sodium Molybdate, Biotin, Vitamin D3, Vitamin B12), Natural & Artificial Flavor, Salt, Monoglycerides, Soy Lecithin, Cellulose Gel, L-Carnitine, Carrageenan, Cellulose Gum

Contains milk and soy ingredients.

Ensure® Pre-Surgery

Clear Carbohydrate Drink



Usage

ENSURE PRE-SURGERY is a clear carbohydrate beverage specially designed to improve general well-being* both before and after surgery.

- Designed to be consumed up to 2 hours before anesthesia/surgery.
- For oral use.
- Use under medical supervision.

Features

- From the makers of the #1 doctor-recommended brand, Ensure®.
- Has a recommended dose of carbohydrates (50 g per serving), as indicated by the American Society for Enhanced Recovery (ASER) guidelines (45 g per serving),^{1,†} compared to the leading sport drinks[‡], which contain an average of 18 g per serving.[†]
- Ensure Pre-Surgery meets the guidelines for preoperative fasting as stated by the European Society for Clinical Nutrition and Metabolism (ESPEN) Guidelines: Clinical Nutrition in Surgery.^{2,§}

- Ensure Pre-Surgery meets the guidelines for preoperative fasting as stated by the American Society of Anesthesiologists (ASA) Practice Guidelines for Preoperative Fasting.^{3,||}
- A good source of the antioxidants zinc and selenium.
- Fat-free.
- Kosher, halal, gluten-free, suitable for lactose intolerance.

Precautions

- Not for sole-source nutrition.
- Not for IV use.
- Not for individuals with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 10.0-fl oz (296.0-mL) Bottle; 12/case		
Strawberry	65044	70074-0650-44
— 10.0-fl oz (296.0-mL) Bottle; 16/case		
Strawberry	66437	70074-0650-40

* Thirst, hunger, and anxiety before surgery and nausea and vomiting after surgery.

† Ensure Pre-Surgery has not been reviewed or by the American Society for Enhanced Recovery (ASER) and Perioperative Quality Initiative (POQI).

‡ The leading regular sport drinks per Nielsen (Grocery).

§ Ensure Pre-Surgery has not been reviewed or by the European Society for Clinical Nutrition and Metabolism (ESPEN).

|| American Society of Anesthesiologists (ASA) is a registered trademark of the American Society of Anesthesiologists. Ensure Pre-Surgery has not been reviewed or endorsed by ASA.

1 Wischmeyer PE, et al. *Anesth Analg*. 2018;126(6):1883-1895.

2 Weimann A, et al. *Clin Nutr*. 2017;36(3):623-650.

3 American Society of Anesthesiologists. *Anesthesiology*. 2017;126(3):376-393.

Ensure® Surgery

Immunonutrition Shake



Usage

ENSURE SURGERY is specially designed to support immune health and recovery from surgery.

- For oral use.
- Use under medical supervision.

Features

- From the makers of the #1 doctor-recommended brand, Ensure®.
- Contains 1.1 g EPA & DHA (omega-3 fatty acids from fish oil) and 4.2 g arginine per 8 fl oz to support immune health and surgical recovery.
- High in protein (18 g/serving, 22% of kcals), including 4.2 g supplemental arginine, to support protein synthesis, tissue repair, and wound healing.^{1,2}
- Designed to support recovery from surgery with a blend of arginine and omega-3 fatty acids from fish oil.
- Contains an excellent source of vitamin D.
- Contains the antioxidants zinc, selenium, and vitamins C & E.
- No artificial sweeteners.
- Halal, gluten-free, suitable for lactose intolerance.

Precautions

- Not for sole-source nutrition.
- Not for IV use.
- Not for people with galactosemia.
- Not for use when immune suppression is desired.

Availability

Flavor	List No.	NDC Format Code
— 8.0-fl oz (237.0-mL) Recloseable Carton; 15/case		
Vanilla	66436	70074-0650-46
— 8.0-fl oz (237.0-mL) Recloseable Carton; 24/case		
Vanilla	65047	70074-0650-46

1 Demling RH. *Eplasty*. 2009;9:65-94.

2 Weitzel LR, et al. *Curr Opin Anaesthesiol*. 2009;22(2):177-183.

Technical Data		Nutrition Information			
Vanilla		Vanilla	8 fl oz	Vanilla	8 fl oz
Caloric Density, Cal/mL	1.4	Protein, g	18	Potassium, mEq	9.7
Protein, % Cal	22	Total Fat, g	9	Chloride, mg	270
Carbohydrate, % Cal	54	Saturated Fat, g	3	Chloride, mEq	7.6
Fat, % Cal	24	Polyunsaturated Fat, g	2.5	Calcium, mg	260
Omega-6:Omega-3 Ratio	0.4:1	Monounsaturated Fat, g	2.5	Calcium, mEq	13
MCT:LCT	30:70	Trans Fat, g	0	Phosphorus, mg	250
Total Cal:g Nitrogen	95:1	Cholesterol, mg	15	Phosphorus, mmol	8.1
Nonprotein Cal:g Nitrogen	74:1	Total Carbohydrate, g	45	Magnesium, mg	80
Osmolality, mOsm/kg H ₂ O	750	Dietary Fiber, g	2	Magnesium, mEq	7
Renal Solute Load, mOsm/L	545	scFOS, g	2	Iodine, mcg	52.5
		Total Sugars, g	19	Manganese, mg	0.81
		Added Sugars, g	19	Copper, mg	0.32
		Calories	330	Zinc, mg	5
		Vitamin A, mcg RAE	450	Iron, mg	1.8
		Beta-Carotene, mcg	500†	Selenium, mcg	19
		Vitamin D, mcg	5	Chromium, mcg	12
		Vitamin E, mg	8	Molybdenum, mcg	16
		Vitamin K, mcg	24	L-Arginine, g	4.2
		Vitamin C, mg	23		
		Folate, mcg DFE	142		
		Folic Acid, mcg	85		
		Vit B1 (Thiamin), mg	0.48		
		Vit B2 (Riboflavin), mg	0.65		
		Vitamin B6, mg	0.68		
		Vitamin B12, mcg	0.72		
		Niacin, mg NE	6.4		
		Choline, mg	82.5		
		Biotin, mcg	11		
		Pantothenic Acid, mg	2.7		
		Sodium, mg	210		
		Sodium, mEq	9.1		
		Potassium, mg	380		

* Includes 2.6 g MCT.

† Includes vitamin A activity from 500 mcg beta-carotene.

Ensure® Surgery

Ingredients

Vanilla

Water, Corn Syrup, Sugar, Milk Protein Concentrate, Sodium Caseinate, L-Arginine, Fish Oil (Contains One or More of the Following: Anchovy, Cod, Menhaden, Pollock, Salmon, Sardine, Tuna), Canola Oil, Medium Chain Triglycerides, Short-chain Fructooligosaccharides, Gum Arabic, Citric Acid, Less than 0.5% of: Natural & Artificial Flavor, Magnesium Chloride, Potassium Citrate, Sodium Citrate, Soy Lecithin, Potassium Phosphate, Rosemary Extract, Choline Chloride, Ascorbic Acid, Calcium Phosphate, Potassium Hydroxide, Potassium Chloride, Salt, dl-Alpha-Tocopheryl Acetate, Gellan Gum, Zinc Sulfate, Ascorbyl Palmitate, Ferric Phosphate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Mixed Tocopherols, Copper Sulfate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Vitamin A Palmitate, Beta-Carotene, Folic Acid, Potassium Iodide, Chromium Chloride, Sodium Selenate, Sodium Molybdate, Phylloquinone, Biotin, Vitamin B12, Vitamin D3

Contains milk and soy ingredients.

HCPCS Code A9270

www.AbbottNutrition.com

Glucerna® 1.0 Cal

Specialized Nutrition for
Enhanced Glycemic
Management*



Usage

GLUCERNA 1.0 CAL is a fiber- and fat-containing formula with reduced carbohydrates designed to help minimize blood glucose response in patients with hyperglycemia.¹⁻³ It provides 34.3% of total calories as carbohydrate, which is designed to help minimize glycemic response. The formulation includes soy fiber to help support digestive health.

- Specialized nutrition for enhanced glycemic management compared to a standard formula.
- For patients with type 1 or type 2 diabetes or elevated glucose response.
- For tube or oral feeding.
- For supplemental or sole-source nutrition.
- 8-fl-oz containers with vanilla flavor can be used orally as well as for tube feeding.
- Use under medical supervision.

Features

- Glucerna 1.0 Cal contains a fat blend which is within the American Heart Association and American Diabetes Association recommendations favoring monounsaturated and polyunsaturated fats and limiting saturated fat to help manage lipid profiles.⁴⁻⁶

- Kosher, halal, gluten-free, suitable for lactose intolerance.
- Meets or exceeds 100% of the RDIs for 25 essential vitamins and minerals in 1500 Cal (1500 mL).

Precautions

- Not for IV use.
- Not for people with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 33.8-fl oz (1.0-L) Ready to Hang Prefilled Container; 8/case		
Unflavored.....	62671.....	70074-0626-72
— 8.0-fl oz (237.0-mL) Recloseable Carton; 24/case		
Vanilla	64913	70074-0649-12

* Compared to high-glycemic carbohydrates.

1 Peters AL, et al. *Am J Med.* 1989;87:178-182.

2 Peters AL, Davidson MB. *JPEN J Parenter Enteral Nutr.* 1992;16:69-74.

3 McCargar LJ, et al. *Mol Cell Biochem.* 1998;188:81-89.

4 Eckel R, et al. *Circulation.* 2014;129:S76-S99.

5 Lichtenstein A, et al. *Circulation.* 2021;144(23):e472-e487.

6 American Diabetes Association. *Diabetes Care.* 2021;44(Suppl.1):S53-S72.

Technical Data		Nutrition Information					
Vanilla		Vanilla	8 fl oz	1 L	Vanilla	8 fl oz	1 L
Caloric Density, Cal/mL	1.0	Protein, g	9.9	41.8	Potassium, mg	390	1650
Protein, % Cal	16.7	Total Fat, g	12.9	54.4	Potassium, mEq	10	42.2
Carbohydrate, % Cal	34.3	Saturated Fat, g	1	4	Chloride, mg	190	810
Fat, % Cal	49.0	Polyunsaturated Fat, g	2	8.5	Chloride, mEq	5.4	22.7
Omega-6:Omega-3 Ratio	11:1	Monounsaturated Fat, g	9	38	Calcium, mg	210	890
Total Cal:g Nitrogen	150:1	Total Carbohydrate, g	22.8	95.6	Calcium, mEq	10.5	44.3
Nonprotein Cal:g Nitrogen	125:1	Dietary Fiber, g	3.4*	14.4†	Phosphorus, mg	210	890
Osmolality, mOsm/kg H ₂ O	355	Total Sugars, g	5	21	Phosphorus, mmol	6.8	28.6
Renal Solute Load, mOsm/L	338	Added Sugars, g	5	21	Magnesium, mg	70	295
Recommended Tube Size for Gravity/Pump Feeding (Fr)	10/10	L-Carnitine, mg	34	144	Magnesium, mEq	5.8	24.3
Carb Choices per 8 fl oz	1-1/2	Taurine, mg	25	106	Iodine, mcg	25	105
Exchanges per 8 fl oz	1-1/2	Water, mL	199	840	Manganese, mg	0.55	2.32
Starch, 1 Lean	1-1/2	Calories	237	1000	Copper, mg	0.28	1.18
Meat, 2		Vitamin A, mcg RAE	150	635	Zinc, mg	1.8	7.6
Fat		Beta-Carotene, mcg	200‡	800§	Iron, mg	3	12.7
		Vitamin D, mcg	3.6	15.2	Selenium, mcg	9	38
		Vitamin E, mg	12	50.6	Chromium, mcg	10	42
		Vitamin K, mcg	24	101	Molybdenum, mcg	17	72
		Vitamin C, mg	50	211			
		Folate, mcg DFE	140	600			
		Folic Acid, mcg	85	360			
		Vit B1 (Thiamin), mg	0.43	1.81			
		Vit B2 (Riboflavin), mg	0.6	2.53			
		Vitamin B6, mg	0.6	2.53			
		Vitamin B12, mcg	2.20	9.28			
		Niacin, mg NE	5	21.1			
		Choline, mg	90	380			
		Biotin, mcg	10	42.2			
		Pantothenic Acid, mg	2.1	8.9			
		Inositol, mg	200	844			
		Sodium, mg	190	800			
		Sodium, mEq	8.3	34.9			

* 3.4 g of total dietary fiber from soy fiber.

† 14.4 g of total fiber from soy fiber.

‡ 80 mcg RAE of vitamin A activity supplied by 0.2 mg beta-carotene.

§ 320 mcg RAE of vitamin A activity supplied by 0.8 mg beta-carotene.

Glucerna® 1.0 Cal

Ingredients

Vanilla

Water, Corn Maltodextrin, High Oleic Safflower Oil, Sodium Caseinate, Soy Fiber, Fructose, Soy Protein Isolate, Milk Protein Concentrate, Canola Oil, Less than 0.5% of: Soy Lecithin, Potassium Citrate, Calcium Phosphate, Natural & Artificial Flavor, Magnesium Chloride, Sodium Citrate, Inositol, Potassium Chloride, Potassium Phosphate, Ascorbic Acid, Magnesium Phosphate, Choline Chloride, L-Carnitine, Carrageenan, Taurine, dl-Alpha-Tocopheryl Acetate, Ferrous Sulfate, Niacinamide, Zinc Sulfate, Calcium Pantothenate, Manganese Sulfate, Thiamine Hydrochloride, Copper Sulfate, Pyridoxine Hydrochloride, Riboflavin, Vitamin A Palmitate, Beta-Carotene, Folic Acid, Chromium Chloride, Sodium Molybdate, Potassium Iodide, Phylloquinone, Sodium Selenate, Biotin, Vitamin D3, Vitamin B12

Contains milk and soy ingredients.

HCPCS Code B4154

www.AbbottNutrition.com

Glucerna® 1.2 Cal

Specialized Nutrition for
Enhanced Glycemic
Management*



Usage

GLUCERNA 1.2 CAL is a calorically dense formula with CARBSTEADY®, a specialized blend of low-glycemic and slowly digestible carbohydrates, clinically shown to help minimize blood glucose response compared to a standard 1.2 Cal formula in patients with type 2 diabetes.¹

- Specialized nutrition for enhanced glycemic management compared to a standard formula.
- For patients with type 1 or type 2 diabetes or elevated glucose response.
- For tube or oral feeding.
- For supplemental or sole-source nutrition.
- Use under medical supervision.

Features

- 20% of calories from protein to help promote anabolism.
- Provides an excellent source (570 mg ALA/8 fl oz) of plant-based omega-3 fatty acid alpha linolenic acid (35% of the 1.6 g DV for ALA) to support cardiovascular health.
- At 1.2 Cal/mL, patient needs can be met with less volume.
- Kosher, halal, gluten-free, suitable for lactose intolerance.

Precautions

- Not for IV use.
- Not for people with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 33.8-fl oz (1.0-L) Ready to Hang Prefilled Container; 8/case		
1 L Ready to Hang	62677	70074-0626-78
— 50.7-fl oz (1.5-L) Ready to Hang Prefilled Container; 6/case		
1.5 L Ready to Hang	62675	70074-0626-76
— 8.0-fl oz (237.0-mL) Recloseable Carton; 24/case		
Vanilla	64918	70074-0649-16

* Compared to high-glycemic carbohydrates.

¹ Alish C, et al. *Diabetes Technol Ther.* 2010;12:419-425.

Technical Data		Nutrition Information							
Vanilla Carton		Vanilla Carton	8 fl oz	1 L	1.5 L	Vanilla Carton	8 fl oz	1 L	1.5 L
Caloric Density, Cal/mL	1.2	Protein, g	14.2	60	90	Sodium, mEq	11.7	49.5	74.3
Protein, % Cal	20	Total Fat, g	14.2	60	90	Potassium, mg	380	1600	2410
Carbohydrate, % Cal	35	Saturated Fat, g	1	4	6.5	Potassium, mEq	9.7	41.1	61.7
Fat, % Cal	45	Polysaturated Fat, g	3	12.5	19	Chloride, mg	220	930	1390
Omega-6:Omega-3 Ratio	4.39:1	Monounsaturated Fat, g	9.5	40	60	Chloride, mEq	6.2	26.2	39.3
Total Cal:g Nitrogen	127:1	Total Carbohydrate, g	27	114	171	Calcium, mg	190	800	1200
Nonprotein Cal:g Nitrogen	101:1	Dietary Fiber, g	3.8*	16.1†	24.1‡	Calcium, mEq	9.5	40.1	60.1
Osmolality, mOsm/kg H ₂ O	720	scFOS, g	2.4	10	15	Phosphorus, mg	190	800	1200
Renal Solute Load, mOsm/L	458	Total Sugars, g	13	55	82	Phosphorus, mmol	6.1	25.9	38.8
Recommended Tube Size for Gravity/Pump Feeding (Fr)	10/10	Added Sugars, g	13	55	82	Magnesium, mg	80	340	505
Carb Choices per 8 fl oz	2	L-Carnitine, mg	42	177	266	Magnesium, mEq	6.6	27.8	41.7
Exchanges per 8 fl oz	2 Starch, 2 Medium-Fat Meat OR 2 Starch, 1 Medium-Fat Meat, 1 Fat	Taurine, mg	32	135	203	Iodine, mcg	29	122	184
		Inositol, mg	200	844	1266	Manganese, mg	0.6	2.53	3.8
		Water, mL	191	805	1210	Copper, mg	0.31	1.31	1.96
		Calories	285	1200	1800	Zinc, mg	2.1	8.9	13.3
		Vitamin A, mcg RAE	180	760	1140	Iron, mg	3.5	14.8	22.2
		Beta-Carotene, mcg	200 ^b	800 ^c	1300 ^d	Selenium, mcg	13	55	82
		Vitamin D, mcg	3.8	16	24	Chromium, mcg	10	42	63
		Vitamin E, mg	9.6	40.5	60.8	Molybdenum, mcg	21	89	133
		Vitamin K, mcg	31	131	196				
		Vitamin C, mg	62	260	390				
		Folate, mcg DFE	125	525	790				
		Folic Acid, mcg	75	315	475				
		Vit B1 (Thiamin), mg	0.6	2.53	3.8				
		Vit B2 (Riboflavin), mg	0.6	2.53	3.8				
		Vitamin B6, mg	0.7	2.95	4.43				
		Vitamin B12, mcg	2.2	9.28	13.92				
		Niacin, mg NE	6	25.3	38				
		Choline, mg	110	460	700				
		Biotin, mcg	10.5	44.3	66.5				
		Pantothenic Acid, mg	2	8.4	12.7				
		Sodium, mg	270	1140	1710				

* 1.4 g of total dietary fiber from soy, oat, and corn fibers; 2.4 g of scFOS.

† 6.1 g of total dietary fiber from soy, oat, and corn fibers; 10 g of scFOS.

‡ 9.1 g of total dietary fiber from soy, oat, and corn fibers; 15 g of scFOS.

§ 80 mcg RAE of vitamin A activity supplied by 0.2 mg beta-carotene.

|| 320 mcg RAE of vitamin A activity supplied by 0.8 mg beta-carotene.

¶ 520 mcg RAE of vitamin A activity supplied by 1.3 mg beta-carotene.

Glucerna® 1.2 Cal

Ingredients

Vanilla Carton

Water, Sodium Caseinate, High Oleic Safflower Oil, Corn Maltodextrin, Canola Oil, Isomaltulose, Fructose, Soy Protein Isolate, Short-chain Fructooligosaccharides, Sucromalt, Glycerin, Milk Protein Concentrate, Less than 0.5% of: Soluble Corn Fiber, Oat Fiber, Potassium Citrate, Soy Lecithin, Soy Fiber, Magnesium Phosphate, Natural & Artificial Flavor, Calcium Carbonate, Inositol, Calcium Citrate, Sodium Citrate, Potassium Chloride, Ascorbic Acid, Choline Chloride, Salt, Potassium Phosphate, Carrageenan, Calcium Phosphate, L-Carnitine, Taurine, dl-Alpha-Tocopheryl Acetate, Ferrous Sulfate, Zinc Sulfate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Copper Sulfate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Vitamin A Palmitate, Beta-Carotene, Folic Acid, Chromium Chloride, Sodium Molybdate, Potassium Iodide, Phylloquinone, Sodium Selenate, Biotin, Vitamin D3, Vitamin B12

Contains milk and soy ingredients.

HCPSC Code B4154

www.AbbottNutrition.com

Glucerna® 1.5 Cal

Specialized Nutrition
For Enhanced Glycemic
Management*



Usage

GLUCERNA 1.5 CAL is a calorically dense formula with CARBSTEADY®, a specialized blend of low-glycemic and slowly digestible carbohydrates, designed to help minimize blood glucose response compared to high-glycemic carbohydrates.¹

- Specialized nutrition for enhanced glycemic management.
- For patients with type 1 or type 2 diabetes or glucose response.
- For tube or oral feeding.
- For supplemental or sole-source nutrition.
- Use under medical supervision.

Features

- Contains a specialized carbohydrate blend which is clinically shown to significantly reduce postprandial blood glucose response and glycemic variability compared to a standard 1.2 Cal formulation in patients with type 2 diabetes.^{1,2}
- 22% of calories from protein to help promote anabolism.
- Within the American Diabetes Association and American Heart Association recommendations favoring monounsaturated fats and polyunsaturated fat and limiting saturated fat to help manage lipid profiles.³⁻⁵

- Provides an excellent source (712 mg of ALA/8 fl oz) of plant-based omega-3 fatty acid alpha linolenic acid (44% of the 1.6 g DV for ALA) to support cardiovascular health.
- At 1.5 Cal/mL, patient needs can be met with less volume.
- Kosher, halal, gluten-free, suitable for lactose intolerance.

Precautions

- Not for IV use.
- Not for people with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 33.8-fl oz (1.0-L) Ready to Hang Prefilled Container; 8/case		
Ready to Hang	62679	70074-0626-80
— 8.0-fl oz (237.0-mL) Recloseable Carton; 24/case		
Vanilla	64920	70074-0649-19

* Compared to high-glycemic carbohydrates.

1 Alish C, et al. *Diabetes Technol Ther.* 2010;12:419-425.

2 Data on File: Study BK06 Part B. Abbott Nutrition, 2008.

3 American Diabetes Association. *Diabetes Care.* 2021;44(Suppl.1):S53-S72.

4 *Diabetes Care.* 2014 Jan; 37(Supplement 1): S120-S143.

5 Lichtenstein A, et al. *Circulation.* 2021;144:e472-e487.

Technical Data		Nutrition Information					
Vanilla Carton		Vanilla Carton	8 fl oz	1 L	Vanilla Carton	8 fl oz	1 L
Caloric Density, Cal/mL	1.5	Protein, g	19.6	82.7	Sodium, mEq	14.3	60.5
Protein, % Cal	22	Total Fat, g	17.8	75.1	Potassium, mg	480	2220
Carbohydrate, % Cal	33	Saturated Fat, g	1.5	6	Potassium, mEq	12.3	51.9
Fat, % Cal	45	Polysaturated Fat, g	4	16.5	Chloride, mg	270	1140
Omega-6:Omega-3 Ratio	4.20:1	Monounsaturated Fat, g	12.5	52.8	Chloride, mEq	7.6	32.2
Total Cal:g Nitrogen	113:1	Total Carbohydrate, g	31.5	133	Calcium, mg	190	800
Nonprotein Cal:g Nitrogen	98:1	Dietary Fiber, g	3.8*	16 [†]	Calcium, mEq	9.5	40.1
Osmolality, mOsm/kg H ₂ O	875	scFOS, g	2.4	10	Phosphorus, mg	190	800
Renal Solute Load, mOsm/L	616	Total Sugars, g	15	63	Phosphorus, mmol	6.1	25.9
Recommended Tube Size for Gravity/Pump Feeding (Fr)	12/10	Added Sugars, g	15	63	Magnesium, mg	100	420
Carb Choices per 8 fl oz	2	L-Carnitine, mg	51	215	Magnesium, mEq	8.2	34.7
Exchanges per 8 fl oz	2 Starch, 3 Medium-Fat Meats	Taurine, mg	40	169	Iodine, mcg	36	152
		Inositol, mg	205	865	Manganese, mg	0.76	3.21
		Water, mL	180	759	Copper, mg	0.38	1.6
		Calories	356	1500	Zinc, mg	3	12.7
		Vitamin A, mcg RAE	280	1180	Iron, mg	4.3	18.1
		Beta-Carotene, mcg	400 [‡]	1700 [§]	Selenium, mcg	15	63
		Vitamin D, mcg	5	21.1	Chromium, mcg	13	55
		Vitamin E, mg	15	63	Molybdenum, mcg	23	97
		Vitamin K, mcg	40	169			
		Vitamin C, mg	82	346			
		Folate, mcg DFE	125	525			
		Folic Acid, mcg	75	315			
		Vit B1 (Thiamin), mg	0.6	2.53			
		Vit B2 (Riboflavin), mg	0.6	2.53			
		Vitamin B6, mg	0.7	2.9			
		Vitamin B12, mcg	2.2	9.3			
		Niacin, mg NE	6	25.3			
		Choline, mg	130	550			
		Biotin, mcg	10.5	44.3			
		Pantothenic Acid, mg	2	8.4			
		Sodium, mg	330	1390			

* 1.4 g of total dietary fiber from soy, oat, and corn fibers; 2.4 g of scFOS.

† 6 g of total dietary fiber from soy, oat, and corn fibers; 10 g of scFOS.

‡ 160 mcg RAE of vitamin A activity supplied by 0.4 mg of beta-carotene.

§ 670 mcg RAE of vitamin A activity supplied by 1.7 mg of beta-carotene.

Glucerna® 1.5 Cal

Ingredients

Vanilla Carton

Water, Sodium Caseinate, Corn Maltodextrin, High Oleic Safflower Oil, Canola Oil, Isomaltulose, Fructose, Soy Protein Isolate, Sucromalt, Short-chain Fructooligosaccharides, Glycerin, Less than 0.5% of: Soluble Corn Fiber, Potassium Citrate, Calcium Caseinate, Oat Fiber, Soy Fiber, Magnesium Chloride, Natural & Artificial Flavor, Calcium Phosphate, Soy Lecithin, Sodium Citrate, Inositol, Magnesium Phosphate, Ascorbic Acid, Choline Chloride, Chromium Chloride, L-Carnitine, Taurine, dl-Alpha-Tocopheryl Acetate, Salt, Ferrous Sulfate, Gellan Gum, Zinc Sulfate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Copper Sulfate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Beta-Carotene, Vitamin A Palmitate, Folic Acid, Sodium Molybdate, Phylloquinone, Potassium Iodide, Sodium Selenate, Biotin, Vitamin D3, Vitamin B12

Contains milk and soy ingredients.

HCPCS Code B4154

www.AbbottNutrition.com

Glucerna[®] Protein Smart Shake

AVAILABLE AT RETAIL ONLY



Usage

GLUCERNA PROTEIN SMART SHAKE has CARBSTEADY[®], a unique blend of slow-release carbohydrates designed to help minimize blood sugar spikes compared to high-glycemic carbohydrates.

- Use under medical supervision as part of a diabetes management plan.

Features

- Replace a poor meal or snack choice.
- Kosher, halal, gluten-free, suitable for lactose intolerance.

Precautions

- Not for tube feeding.
- Not for sole-source nutrition.
- Not for IV use.
- Not for people with galactosemia.
- If used for weight reduction, use only as directed at glucerna.com/30g
- Do not use in diets supplying less than 400 Calories per day without medical supervision.

Availability

Flavor	List No.	NDC Format Code
— 11.0-fl oz (330.0-mL) Recloseable Carton; 12/case		
Vanilla	68172	70074-0681-72
Chocolate	68175	70074-0681-76

GLUCERNA® PROTEIN SMART SHAKE

Technical Data		Nutrition Information					
Vanilla		Vanilla	330 mL	%DV*	Vanilla	330 mL	%DV*
Caloric Density, Cal/mL	0.45	Protein, g	30	60	Calcium, mEq	32.5	
Protein, % Cal	80	Total Fat, g	1.5	2	Phosphorus, mg	500	40
Carbohydrate, % Cal	11	Saturated Fat, g	0.5	3	Magnesium, mg	105	25
Fat, % Cal	9	Trans Fat, g	0		Magnesium, mEq	8.6	
Osmolality, mOsm/kg H2O	220	Cholesterol, mg	20	7	Iodine, mcg	38	25
	(190 Choc.)	Total Carbohydrate, g	7	3	Manganese, mg	0.58	25
Renal Solute Load, mOsm/L	593	Dietary Fiber, g	4	14	Copper, mg	0.23	25
	(605 Choc.)	Total Sugars, g	3		Zinc, mg	2.8	25
		Added Sugars, g	2	5	Iron, mg	4.5	25
		Calories	150		Selenium, mcg	14	25
		Vitamin A, mcg RAE	270	30	Chromium, mcg	9	25
		Vitamin D, mcg	14	70	Molybdenum, mcg	11	25
		Vitamin E, mg	3.8	25			
		Vitamin K, mcg	30	25			
		Vitamin C, mg	45	50			
		Folate, mcg DFE	100	25			
		Folic Acid, mcg	60				
		Vit B1 (Thiamin), mg	0.3	25			
		Vit B2 (Riboflavin), mg	0.33	25			
		Vitamin B6, mg	0.43	25			
		Vitamin B12, mcg	0.6	25			
		Niacin, mg NE	8 (8.4 Choc.)	50			
		Choline, mg	80	15			
		Biotin, mcg	8	25			
		Pantothenic Acid, mg	1.3	25			
		Sodium, mg	150 (260 Choc.)	6			
		Sodium, mEq	6.5 (11.3 Choc.)				
		Potassium, mg	470 (420 Choc.)	10			
		Potassium, mEq	12.1 (10.8 Choc.)				
		Chloride, mg	230	10			
		Chloride, mEq	6.5				
		Calcium, mg	650	50			

* The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 Calories a day is used for general nutrition advice.

Glucerna® Protein Smart Shake Ingredients

Vanilla

Water, Milk Protein Concentrate, Calcium Caseinate, Soluble Corn Fiber, Less than 1% of: Vitamins & Minerals (Magnesium Phosphate, Potassium Chloride, Sodium Ascorbate, Potassium Phosphate, Sodium Phosphate, Choline Chloride, Ferrous Sulfate, Zinc Sulfate, dl-Alpha-Tocopheryl Acetate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Copper Sulfate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Vitamin A Palmitate, Folic Acid, Potassium Iodide, Chromium Chloride, Phylloquinone, Sodium Molybdate, Sodium Selenate, Vitamin D3, Biotin, Vitamin B12), Natural & Artificial Flavor, Inulin, Fructose, Sunflower Oil, Cellulose Gel, Potassium Hydroxide, Cellulose Gum, Acesulfame Potassium, Carrageenan, Salt, Sucralose

Contains milk ingredients.

Glucerna Hunger Smart® Meal Size Shake

AVAILABLE AT RETAIL ONLY



Usage

GLUCERNA HUNGER SMART MEAL SIZE SHAKE is specifically designed as a 16-fl-oz meal replacement.

- Use under medical supervision as part of a diabetes management plan.

Features

- Has CARBSTEADY®, a unique blend of slow-release carbohydrates designed to help minimize blood sugar spikes compared to high-glycemic carbohydrates.
- Kosher, halal, gluten-free.
- Suitable for lactose intolerance.

Precautions

- Not for tube feeding.
- Not for sole-source nutrition.
- Not for IV use.
- Not for people with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 16.0-fl oz (473.0-mL) Recloseable Carton; 12/case		
Classic Vanilla	67067	70074-0670-68
Classic Chocolate	67070	70074-0670-71

GLUCERNA HUNGER SMART® MEAL SIZE SHAKE

Technical Data		Nutrition Information					
Classic Vanilla		Classic Vanilla	16 fl oz	%DV*	Classic Vanilla	16 fl oz	%DV*
Caloric Density, Cal/mL	0.5	Protein, g	23	46	Chloride, mg	345	15
Protein, % Cal	37	Total Fat, g	11	14	Chloride, mEq	9.7	
Carbohydrate, % Cal	23	Saturated Fat, g	1 (2 Choc.)	6	Calcium, mg	460	35
Fat, % Cal	40	Polysaturated Fat, g	3.5 (3 Choc.)		Calcium, mEq	23	
Total Cal/g Nitrogen	69:1	Monounsaturated Fat, g	6		Phosphorus, mg	375	30
Nonprotein Cal/g Nitrogen	44:1	Trans Fat, g	0		Phosphorus, mmol	12.1	
Renal Solute Load, mOsm/L	359	Cholesterol, mg	15	5	Magnesium, mg	168	40
	(382 Choc.)	Total Carbohydrate, g	18 (21 Choc.)	7	Magnesium, mEq	13.8	
		Dietary Fiber, g	6 (7 Choc.)	21	Iodine, mcg	52.5	35
		scFOS, g	1.7		Manganese, mg	0.8	35
		Total Sugars, g	9 (8 Choc.)		Copper, mg	0.36 (0.5 Choc.)	40
		Added Sugars, g	8	16	Zinc, mg	5.5 (3.9 Choc.)	50
		Calories	250		Iron, mg	6.3	35
		Vitamin A, mcg RAE	450	50	Selenium, mcg	24.8 (13.8 Choc.)	45
		Vitamin D, mcg	10	50	Chromium, mcg	28.0 (35.0 Choc.)	80
		Vitamin E, mg	7.5	50	Molybdenum, mcg	27 (20.3 Choc.)	60
		Vitamin K, mcg	36	30			
		Vitamin C, mg	90	100			
		Folate, mcg DFE	140	35			
		Folic Acid, mcg	84				
		Vit B1 (Thiamin), mg	0.6	50			
		Vit B2 (Riboflavin), mg	0.65	50			
		Vitamin B6, mg	0.85	50			
		Vitamin B12, mcg	1.2	50			
		Niacin, mg NE	7.2	45			
		Choline, mg	192.5	35			
		Biotin, mcg	15	50			
		Pantothenic Acid, mg	2.5	50			
		Sodium, mg	440 (420 Choc.)	19			
		Sodium, mEq	19.1 (18.3 Choc.)				
		Potassium, mg	380 (850 Choc.)	8			
		Potassium, mEq	9.7 (21.8 Choc.)				

* The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 Calories a day is used for general nutrition advice.

Glucerna Hunger Smart® Meal Size Shake

Ingredients

Classic Vanilla
 Water, Milk Protein Concentrate, Less than 2% of: Fructose, High Oleic Safflower Oil, Soy Protein Isolate, Calcium Caseinate, Canola Oil, Soluble Corn Fiber, Soy Oil, Glycerin, Short-chain Fructooligosaccharides, Natural & Artificial Flavor, Cellulose Gel, Sodium Citrate, Soy Fiber, Magnesium Phosphate, Ascorbic Acid, Soy Lecithin, Potassium Citrate, Corn Maltodextrin, Potassium Chloride, Choline Chloride, Magnesium Chloride, Cellulose Gum, Potassium Hydroxide, Carrageenan, Salt, Calcium Phosphate, Sucralose, Acesulfame Potassium, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, Gellan Gum, Zinc Sulfate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Citric Acid, Riboflavin, Copper Sulfate, Vitamin A Palmitate, Folic Acid, Chromium Chloride, Potassium Iodide, Sodium Selenate, Sodium Molybdate, Phylloquinone, Biotin, Vitamin D3, Vitamin B12

Contains milk and soy ingredients.

Glucerna Hunger Smart® Powder

AVAILABLE AT RETAIL ONLY



Usage

GLUCERNA HUNGER SMART POWDER is a convenient, ready-to-mix snack replacement for people with diabetes.

Features

- #1 doctor-recommended brand.
- No artificial flavors.
- 22 g protein.
- 1 g total sugars.
- 0 g added sugars.
- Less than 1 carb choice.
- 20 (Vanilla) to 22 (Chocolate) vitamins and minerals.
- 2 g total fat.
- Delicious snack replacement.*
- Suitable for lactose intolerance, gluten-free, kosher, halal.

Precautions

- If used for weight reduction, use only as directed at glucerna.com/mp
- Do not use in diets supplying less than 400 Calories per day without medical supervision.
- Not for people with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 22.3-oz (635.0-g) Can; 2/case		
Classic Vanilla	67768	70074-0675-82
Classic Chocolate	67769	70074-0677-70

GLUCERNA HUNGER SMART® POWDER

Technical Data		Nutrition Information		
Classic Chocolate		Classic Chocolate	33 g (31 g Van)	%DV*
Protein, % Cal	70 (75 Van.)	Protein, g	22	44
Carbohydrate, % Cal	16 (10 Van.)	Total Fat, g	2	3
Fat, % Cal	14 (15 Van.)	Saturated Fat, g	1	5
Carb Choices per 8 fl oz	<1	Trans Fat, g	0	
		Cholesterol, mg	45 (50 Van.)	15
		Total Carbohydrate, g	5 (3 Van.)	2
		Dietary Fiber, g	<1 (0 Van.)	<3
		Total Sugars, g	1	
		Added Sugars, g	0	0
		Calories	130 (120 Van.)	
		Vitamin A, mcg RAE	170 (200 Van.)	20
		Vitamin D, mcg	7.7 (7.5 Van.)	40
		Vitamin E, mg	2.9 (2.5 Van.)	20
		Vitamin K, mcg	18 (25 Van.)	15
		Folate, mcg DFE	60	15
		Folic Acid, mcg	38	
		Vit B1 (Thiamin), mg	0.46 (0.5 Van.)	40
		Vit B2 (Riboflavin), mg	0.4	30
		Vitamin B6, mg	0.39 (0.48 Van.)	25
		Vitamin B12, mcg	2.03 (2.1 Van.)	80
		Niacin, mg NE	2.5	15
		Biotin, mcg	7 (8 Van.)	25
		Pantothenic Acid, mg	1.5	30
		Sodium, mg	115 (160 Van.)	5
		Sodium, mEq	5 (6.96 Van.)	
		Potassium, mg	280 (140 Van.)	6
		Potassium, mEq	7.18 (3.69 Van.)	
		Calcium, mg	310 (260 Van.)	25
		Calcium, mEq	13.48 (11.30 Van.)	
		Phosphorus, mg	190 (180 Van.)	15
		Phosphorus, mmol	6.05	
		Magnesium, mg	25 (20 Van.)	6
		Classic Chocolate	33 g (31 g Van)	%DV*
		Magnesium, mEq	2.06 (1.65 Van.)	
		Iodine, mcg	29 (32 Van.)	20
		Manganese, mg	0.44 (0.46 Van.)	20
		Copper, mg	0.24 (0 Van.)	25
		Zinc, mg	3 (3.5 Van.)	25
		Iron, mg	4.6 (4 Van.)	25
		Selenium, mcg	21 (22 Van.)	40
		Chromium, mcg	11 (0 Van.)	30
		Molybdenum, mcg	24 (22 Van.)	50

* The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 Calories a day is used for general nutrition advice.

Glucerna Hunger Smart® Powder Ingredients

Classic Chocolate

Whey Protein Concentrate, Milk Protein Isolate, Cocoa Powder (Processed with Alkali), Natural Flavor, Less than 2% of: Sea Salt, Sunflower Lecithin, Xanthan Gum, Sucralose, Acesulfame Potassium, Ferrrous Sulfate, dl-Alpha-Tocopheryl Acetate, Niacinamide, Zinc Sulfate, Calcium Pantothenate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Manganese Sulfate, Vitamin A Palmitate, Copper Sulfate, Folic Acid, Potassium Iodide, Phylloquinone, Vitamin D3, Sodium Selenate, Sodium Molybdate, Biotin, Vitamin B12

Contains milk ingredients. Manufactured in a facility that processes egg, fish, peanuts, shellfish, soy, tree nuts and wheat ingredients.

Glucerna Hunger Smart® Shake

AVAILABLE AT RETAIL ONLY



Usage

GLUCERNA HUNGER SMART SHAKE is a delicious meal or snack replacement to help manage blood sugar* and hunger.

- Use under medical supervision as part of a diabetes management plan.

Features

- Has CARBSTEADY®, a unique blend of slow-release carbohydrates designed to help minimize blood sugar spikes compared to high-glycemic carbohydrates.
- Contains 15 g of protein to help you manage hunger and 4 to 6 g of fiber.†
- 1 carbohydrate choice per 10 fl oz.
- Clinically shown to help minimize blood sugar spikes compared to high-glycemic carbohydrates.‡
- Antioxidants (vitamins C & E and selenium) to support the immune system.
- Kosher, halal, gluten-free, suitable for lactose intolerance.

Precautions

- Not for tube feeding.
- Not for sole-source nutrition.
- Not for IV use.
- Not for people with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 10.0-fl oz (296.0-mL) Bottle; 12/case		
Classic Vanilla	67195	70074-0628-84
Classic Chocolate	67198	70074-0628-87
Peaches & Crème	67762	70074-0677-63
— 10.0-fl oz (296.0-mL) Bottle; 4 x 6 ct		
Classic Vanilla	68607	
Classic Chocolate	68604	
Classic Strawberry	68608	70074-0665-35
Peaches & Crème	68606	
— 10.0-fl oz (296.0-mL) Bottle; 24 ct		
Peaches & Crème	67806	

* Designed to help minimize blood sugar spikes compared to high-glycemic carbohydrates.

† Dietary fiber: chocolate 6 g/10 fl oz, other flavors 4 g/10 fl oz.

‡ Studied in people with diabetes.

1 Data on File: Study BL33, Abbott Nutrition, Jan 2017.

GLUCERNA HUNGER SMART® SHAKE

Technical Data		Nutrition Information		
Classic Chocolate		Classic Chocolate	10 fl oz	%DV*
Caloric Density, Cal/mL	0.608	Protein, g	15	30
Protein, % Cal	33.3	Total Fat, g	8	10
Carbohydrate, % Cal	26.7	Saturated Fat, g	1.5	7
Fat, % Cal	40.0	Polysaturated Fat, g	2.5	
Carb Choices per 10 fl oz	1	Monounsaturated Fat, g	4	
Exchanges per 10 fl oz	1 starch plus 1.5 medium fat meat	Trans Fat, g	0	
		Cholesterol, mg	10	3
		Total Carbohydrate, g	16 (14) [†]	6 (5) [†]
		Dietary Fiber, g	6 (4) [†]	21 (14) [†]
		Total Sugars, g	6	
		Added Sugars, g	6	11
		Calories	180	
		Vitamin A, mcg RAE	225	25
		Vitamin D, mcg	12.0	60
		Vitamin E, mg	8.2	50
		Vitamin K, mcg	36	30
		Vitamin C, mg	90	100
		Folate, mcg DFE	120	30
		Folic Acid, mcg	72	
		Vit B1 (Thiamin), mg	0.42	35
		Vit B2 (Riboflavin), mg	0.39	30
		Vitamin B6, mg	0.60	35
		Vitamin B12, mcg	0.60	25
		Niacin, mg NE	4.0	25
		Choline, mg	138	25
		Biotin, mcg	7.5	25
		Pantothenic Acid, mg	1.5	30
		Sodium, mg	300	13
		Potassium, mg	610	15
		Chloride, mg	230	10
		Calcium, mg	260	20
		Phosphorus, mg	313	25
		Classic Chocolate	10 fl oz	%DV*
		Magnesium, mg	105	25
		Iodine, mcg	37.5	25
		Manganese, mg	0.8 (0.5) [†]	35 (20) [†]
		Copper, mg	0.50 (0.23) [†]	60 (25) [†]
		Zinc, mg	3.3	30
		Iron, mg	4.5	25
		Selenium, mcg	13.8	25
		Chromium, mcg	35 (18) [†]	100 (50) [†]
		Molybdenum, mcg	18.0	40

* The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 Calories a day is used for general nutrition advice.

† Peaches & Creme, Strawberry, Vanilla.

Glucerna Hunger Smart® Shake

Ingredients

Classic Chocolate

Water, Milk Protein Concentrate, Cocoa (Processed with Alkali), Fructose, Less than 2% of: Canola Oil, Soluble Corn Fiber, Soy Protein Isolate, Calcium Caseinate, Corn Oil, Glycerin, Short-chain Fructooligosaccharides, Sodium Citrate, Cellulose Gel, Soy Fiber, Magnesium Phosphate, Potassium Citrate, Potassium Chloride, Choline Chloride, Calcium Phosphate, Soy Lecithin, Monoglycerides, Liquid Sucralose Concentrate, Cellulose Gum, Salt, Magnesium Chloride, Natural & Artificial Flavor, Carrageenan, dl-Alpha-Tocopheryl Acetate, Acesulfame Potassium, Gellan Gum, Ferrous Sulfate, Zinc Sulfate, Niacinamide, Vitamin B12, Corn Starch, Calcium Pantothenate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Manganese Sulfate, Riboflavin, Citric Acid, Copper Sulfate, Vitamin A Palmitate, Ascorbic Acid, Folic Acid, Potassium Iodide, Phylloquinone, Sodium Selenate, Chromium Chloride, Sodium Molybdate, Biotin, Vitamin D3

Contains milk and soy ingredients.

HCPCS Code B4154

www.AbbottNutrition.com

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Glucerna[®] Original Shake

Complete, Balanced Nutrition
For People with Diabetes



AVAILABLE AT RETAIL ONLY

Usage

GLUCERNA ORIGINAL SHAKE is designed as a meal or snack replacement to help minimize blood sugar spikes compared to high-glycemic carbohydrates.

- For oral use.
- For supplemental nutrition.
- Use under medical supervision as part of a diabetes management plan.

Features

- Has CARBSTEADY[®], a unique blend of slow-release carbohydrates designed to help minimize blood sugar spikes compared to high-glycemic carbohydrates.
- #1 doctor-recommended nutrition brand for people with diabetes.¹
- 10 g of protein.
- 26 vitamins and minerals.
- 1 carbohydrate choice per 8 fl oz.
- Replace one poor meal or snack choice.
- Kosher, halal, gluten-free, suitable for lactose intolerance.

Precautions

- Not for tube feeding.
- Not for sole-source nutrition.
- Not for IV use.
- Not for people with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 8.0-fl oz (237.0-mL) Bottle; 24/case		
Homemade Vanilla	57801	70074-0578-02
Rich Chocolate	57804	70074-0578-05
Creamy Strawberry	57807	70074-0578-08
Chocolate Caramel	66794	70074-0667-95
Classic Butter Pecan	57810	70074-0578-11

GLUCERNA® ORIGINAL SHAKE

Technical Data		Nutrition Information			Nutrition Information		
Homemade Vanilla		Homemade Vanilla	8 fl oz	%DV*	Homemade Vanilla	8 fl oz	%DV*
Caloric Density, Cal/mL	0.8	Protein, g	10	20	Phosphorus, mmol	8.1	
Protein, % Cal	22	Total Fat, g	9	12	Magnesium, mg	105	25
Carbohydrate, % Cal	45	Saturated Fat, g	1	5	Iodine, mcg	37.5	25
Fat, % Cal	33	Polysaturated Fat, g	4		Manganese, mg	0.5	20
Carb Choices per 8 fl oz	1	Monounsaturated Fat, g	4		Copper, mg	0.18†	20
Exchanges per 8 fl oz	1 starch, 1-1/2 medium-fat meat	Trans Fat, g	0		Zinc, mg	2.8	25
		Cholesterol, mg	<5	<2	Iron, mg	3.6	20
		Total Carbohydrate, g	16	6	Selenium, mcg	13.8	25
		Dietary Fiber, g	4	14	Chromium, mcg	18	50
		Total Sugars, g	4		Molybdenum, mcg	15.8	35
		Added Sugars, g	4	8			
		Calories	180				
		Vitamin A, mcg RAE	225	25			
		Vitamin D, mcg	12	60			
		Vitamin E, mg	6	40			
		Vitamin K, mcg	30	25			
		Vitamin C, mg	90	100			
		Folate, mcg DFE	100	25			
		Folic Acid, mcg	60				
		Vit B1 (Thiamin), mg	0.30	25			
		Vit B2 (Riboflavin), mg	0.33	25			
		Vitamin B6, mg	0.43	25			
		Vitamin B12, mcg	0.60	25			
		Niacin, mg NE	4.8	30			
		Choline, mg	138	25			
		Biotin, mcg	7.5	25			
		Pantothenic Acid, mg	1.3	25			
		Sodium, mg	210	9			
		Potassium, mg	380†	8			
		Chloride, mg	230	10			
		Calcium, mg	260	20			
		Phosphorus, mg	250	20			

* The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 Calories a day is used for general nutrition advice.

† (470 Choc., Choc. Car.)

‡ (0.27 Choc., Choc. Car.)

Glucerna® Original Shake

Ingredients

Homemade Vanilla

Water, Milk Protein Concentrate, Canola Oil, Less than 2% of: Glycerin, Fructose, Corn Maltodextrin, Soy Protein Isolate, Short-chain Fructooligosaccharides, Corn Oil, Soluble Corn Fiber, Potassium Citrate, Magnesium Phosphate, Natural & Artificial Flavor, Cellulose Gel, Salt, Choline Chloride, Ascorbic Acid, Calcium Carbonate, Soy Lecithin, Monoglycerides, Cellulose Gum, Carrageenan, Calcium Phosphate, Sodium Citrate, Potassium Chloride, Acesulfame Potassium, dl-Alpha-Tocopheryl Acetate, Ferrrous Sulfate, Gellan Gum, Sucralose, Zinc Sulfate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Vitamin A Palmitate, Copper Sulfate, Folic Acid, Chromium Chloride, Potassium Iodide, Sodium Selenate, Phylloquinone, Sodium Molybdate, Biotin, Vitamin D3, Vitamin B12

Contains milk and soy ingredients.

HCPCS Code B4154

www.AbbottNutrition.com

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Glucerna[®] Snack Shake

Complete, Balanced Nutrition[®]
For People With Diabetes

AVAILABLE AT RETAIL ONLY



Usage

GLUCERNA SNACK SHAKE is a delicious snack replacement designed to help minimize blood sugar spikes compared to high-glycemic carbohydrates.

- Use under medical supervision as part of a diabetes management plan.

Features

- Has CARBSTEADY[®], a unique blend of slow-release carbohydrates designed to help minimize blood sugar spikes compared to high-glycemic carbohydrates.
- #1 doctor-recommended nutrition brand for people with diabetes.¹
- 7 g of protein.
- 5 g of sugars.
- 140 Calories.
- 26 essential vitamins and minerals.
- Kosher, halal, gluten-free, suitable for lactose intolerance.

Precautions

- Not for tube feeding.
- Not for sole-source nutrition.
- Not for IV use.
- Not for people with galactosemia.

Availability

Flavor _____ List No. _____ NDC Format Code _____

— 8.0-fl oz (237.0-mL) Can; 16/case

Homemade Vanilla..... 5985670074-0598-57

Rich Chocolate 5985970074-0598-60

Technical Data		Nutrition Information		
Homemade Vanilla		Homemade Vanilla	8 fl oz	%DV*
Caloric Density, Cal/mL	0.6	Protein, g	7	14
Protein, % Cal	20	Total Fat, g	5	6
Carbohydrate, % Cal	48	Saturated Fat, g	0.5	3
Fat, % Cal	32	Polysaturated Fat, g	2 (1.5 Choc.)	
Carb Choices per 8 fl oz	1	Monounsaturated Fat, g	2.5	
Exchanges per 8 fl oz	1 starch, 1 lean meat	Trans Fat, g	0	
		Cholesterol, mg	<5	0
		Total Carbohydrate, g	19	7
		Dietary Fiber, g	3	11
		scFOS, g	1.6	
		Total Sugars, g	5	
		Added Sugars, g	5	9
		Calories	140	
		Vitamin A, mcg RAE	140 (130 Choc.)	15
		Vitamin D, mcg	3	15
		Vitamin E, mg	3	20
		Vitamin K, mcg	12	10
		Vitamin C, mg	54	60
		Folate, mcg DFE	100	25
		Folic Acid, mcg	60	
		Vit B1 (Thiamin), mg	0.24	20
		Vit B2 (Riboflavin), mg	0.39	30
		Vitamin B6, mg	0.51	30
		Vitamin B12, mcg	1.2	50
		Niacin, mg	3.2	20
		Choline, mg	80	15
		Biotin, mcg	6	20
		Pantothenic Acid, mg	1.8	35
		Sodium, mg	230	10
		Sodium, mEq	10	
		Potassium, mg	280	6
		Potassium, mEq	7.2	

* The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 Calories a day is used for general nutrition advice.

Glucerna® Snack Shake

Ingredients

Homemade Vanilla

Water, Corn Maltodextrin, Milk Protein Concentrate, Fructose, Canola Oil, Glycerin, Less than 1% of: Sodium Caseinate, Short-chain Fructooligosaccharides, Soy Protein Isolate, Soluble Corn Fiber, Corn Oil, Soy Fiber, Cellulose Gel, Magnesium Phosphate, Potassium Citrate, Salt, Natural & Artificial Flavor, Calcium Carbonate, Soy Lecithin, Ascorbic Acid, Calcium Phosphate, Choline Chloride, Cellulose Gum, Potassium Chloride, Carrageenan, Sucralose, Acesulfame Potassium, Ferrus Sulfate, Gellan Gum, dl-Alpha-Tocopheryl Acetate, Zinc Sulfate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Copper Sulfate, Vitamin A Palmitate, Folic Acid, Chromium Chloride, Potassium Iodide, Sodium Selenate, Sodium Molybdate, Phylloquinone, Biotin, Vitamin D3, Vitamin B12

Contains milk and soy ingredients.

Glucerna[®] Therapeutic Nutrition Shake

Therapeutic Nutrition for
People With Diabetes



Usage

GLUCERNA THERAPEUTIC NUTRITION SHAKE has CARBSTEADY, including slow-release carbohydrates designed to help minimize blood glucose response.*

- A great choice for patients who are trying to manage their blood glucose.
- For patients with hyperglycemia/abnormal glucose tolerance resulting from metabolic stress, such as illness, trauma or infection.
- For oral use only.
- Use under medical supervision as part of a diabetes management plan.

Features

- Within the American Heart Association and American Diabetes Association recommendations favoring monounsaturated and polyunsaturated fats and limiting saturated fat to help manage lipid profiles.⁽¹⁻³⁾
- 24 essential vitamins and minerals in 8 fl oz.

- 1 g scFOS/8 fl oz. scFOS are prebiotics that stimulate the growth of beneficial bacteria in the colon.
- The antioxidants vitamins C and E to help protect against cell damage.
- Kosher, halal, gluten-free, suitable for lactose intolerance.

Precautions

- Not for sole-source nutrition.
- Not for IV use.
- Not for tube feeding.
- Not for people with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 8.0-fl oz (237.0-mL) Recloseable Carton; 24/case		
Homemade Vanilla	64922	70074-0649-21
Rich Chocolate	64929	70074-0649-28
Creamy Strawberry	64925	70074-0649-24
Classic Butter Pecan	64927	70074-0649-26

* Designed to help minimize blood sugar spikes compared to high-glycemic carbohydrates.

1 Eckel R, et al. *Circulation*. 2014;129:S76-S99.

2 Lichtenstein A, et al. 2021. *Circulation*. 2021; 144:e472-e487.

3 American Diabetes Association Professional Practice Committee. *Diabetes Care* 2022;45 (Suppl. 1):S60-S82.

GLUCERNA® THERAPEUTIC NUTRITION SHAKE

Technical Data		Nutrition Information					
Homemade Vanilla		Homemade Vanilla	8 fl oz	%DV*	Homemade Vanilla	8 fl oz	%DV*
Caloric Density, Cal/mL	0.93	Protein, g	10	20	Potassium, mEq	9.7	
Protein, % Cal	18	Total Fat, g	9	12	Chloride, mg	276	10
Carbohydrate, % Cal	47	Saturated Fat, g	0.5	4	Chloride, mEq	7.8	
Fat, % Cal	35	Polyunsaturated Fat, g	3		Calcium, mg	260	20
Omega-6:Omega-3 Ratio	4.4:1	Monounsaturated Fat, g	4		Calcium, mEq	13	
Total Cal:g Nitrogen	140:1	Trans Fat, g	0		Phosphorus, mg	250	20
Nonprotein Cal:g Nitrogen	114:1	Cholesterol, mg	<5	<2	Phosphorus, mmol	8.1	
Osmolality, mOsm/kg H2O	670	Total Carbohydrate, g	26	9	Magnesium, mg	105	25
Renal Solute Load, mOsm/L	352	Dietary Fiber, g	4	14	Magnesium, mEq	8.6	
Carb Choices per 8 fl oz	2	scFOS, g	1		Iodine, mcg	37.5	25
Exchanges per 8 fl oz	1 starch, 1/2 fat, 2 reduced fat milk	Total Sugars, g	7		Manganese, mg	0.6	25
		Added Sugars, g	7	13	Copper, mg	0.23	25
		Calories	220		Zinc, mg	2.8	25
		Vitamin A, mcg RAE	270	30	Iron, mg	4.5	25
		Beta-Carotene, mg	0.25		Selenium, mcg	11 (16.5 Choc.)	20
		Vitamin D, mcg	10	50	Chromium, mcg	18	50
		Vitamin E, mg	7.5	50	Molybdenum, mcg	18	40
		Vitamin K, mcg	24	20			
		Vitamin C, mg	90	100			
		Folate, mcg DFE	100	25			
		Folic Acid, mcg	60				
		Vit B1 (Thiamin), mg	0.3	25			
		Vit B2 (Riboflavin), mg	0.33	25			
		Vitamin B6, mg	0.43	25			
		Vitamin B12, mcg	0.6	25			
		Niacin, mg NE	4.1	25			
		Choline, mg	137.5	25			
		Biotin, mcg	7.5	25			
		Pantothenic Acid, mg	1.3	25			
		Sodium, mg	210	9			
		Sodium, mEq	9.1				
		Potassium, mg	380	8			

* The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 Calories a day is used for general nutrition advice.

Glucerna® Therapeutic Nutrition Shake

Ingredients

Homemade Vanilla

Water, Corn Maltodextrin, Milk Protein Concentrate, Fructose, Canola Oil, Less than 2% of: Glycerin, Soy Protein Isolate, Corn Oil, Soluble Corn Fiber, Soy Fiber, Short-chain Fructooligosaccharides, Natural & Artificial Flavor, Potassium Citrate, Magnesium Phosphate, Salt, Choline Chloride, Ascorbic Acid, Cellulose Gel, Calcium Phosphate, Soy Lecithin, Monoglycerides, Potassium Chloride, Potassium Hydroxide, Calcium Carbonate, Carrageenan, Cellulose Gum, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, Acesulfame Potassium, Zinc Sulfate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Sucralose, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Copper Sulfate, Beta-Carotene, Vitamin A Palmitate, Folic Acid, Chromium Chloride, Potassium Iodide, Sodium Selenate, Sodium Molybdate, Phylloquinone, Biotin, Vitamin D3, Vitamin B12

Contains milk and soy ingredients.

HCPCS Code B4154

www.AbbottNutrition.com

Hi-Cal[®]

High-Calorie Oral Supplement



Usage

HI-CAL is a high-calorie oral supplement fortified with vitamins and minerals.

- For oral use only.
- Use under medical supervision.

Features

- Provides at least 20% of the RDIs for 18 essential vitamins and minerals in 8 fl oz; great for Med Pass programs.
- 2.0 Cal/mL.
- Vanilla flavor, ready to serve.
- 1-L plastic bottle is reclosable.
- Kosher, halal, gluten-free, suitable for lactose intolerance.

Precautions

- Not for IV use.
- Not for tube feeding.
- Not for people with galactosemia.

Availability

Flavor _____ List No. _____ NDC Format Code _____

— **33.8-fl oz (1.0-L) Bottle; 8/case**

Vanilla 5825370074-0582-54

Technical Data		Nutrition Information			
Vanilla		Vanilla	2 fl oz	4 fl oz	8 fl oz
Caloric Density, Cal/mL	2.0	Protein, g	5	9.9	19.8
Protein, % Cal	16.7	Total Fat, g	5.3	10.6	21.2
Carbohydrate, % Cal	43.2	Total Carbohydrate, g	12.8	25.6	51.3
Fat, % Cal	40.1	Total Sugars, g	3	5.5	11
Total Cal/g Nitrogen	150:1	Added Sugars, g	2.5	5	10
Nonprotein Cal/g Nitrogen	125:1	Calories	119	237	475
Osmolality, mOsm/kg H ₂ O	705	Vitamin A, mcg RAE	75	150	300
Renal Solute Load, mOsm/L	643	Vitamin D, mcg	0.5	1	2
		Vitamin E, mg	1	2	4.1
		Vitamin K, mcg	4	8	16
		Vitamin C, mcg	3	6	12
		Folate, mcg DFE	33	66	133
		Folic Acid, mcg	20	40	80
		Vit B1 (Thiamin), mg	0.07	0.14	0.3
		Vit B2 (Riboflavin), mg	0.08	0.16	0.34
		Vitamin B6, mg	0.1	0.2	0.4
		Vitamin B12, mcg	0.3	0.6	1.2
		Niacin, mg NE	1	2	4
		Choline, mg	13	26.5	53
		Biotin, mcg	15	30	60
		Pantothenic Acid, mg	0.5	1	2
		Sodium, mg	86	173	345
		Sodium, mEq	3.8	7.5	15
		Potassium, mg	145	290	580
		Potassium, mEq	3.7	7.4	14.8
		Chloride, mg	85	170	340
		Chloride, mEq	2.4	4.8	9.6
		Calcium, mg	50	100	200
		Calcium, mEq	2.5	5	10
		Phosphorus, mg	50	100	200
		Phosphorus, mmol	1.6	3.2	6.5
		Magnesium, mg	20	40	80

Hi-Cal® Ingredients

Vanilla

Water, Corn Syrup Solids, Sodium Caseinate, Corn Oil, Corn Maltodextrin, Sugar, Less than 0.5% of: Potassium Citrate, Calcium Caseinate, Magnesium Chloride, Natural and Artificial Flavor, Calcium Phosphate, Soy Lecithin, Sodium Citrate, Ascorbic Acid, Choline Chloride, Potassium Hydroxide, Zinc Sulfate, Ferrrous Sulfate, dl-Alpha-Tocopheryl Acetate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Copper Sulfate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Vitamin A Palmitate, Riboflavin, Folic Acid, Chromium Chloride, Biotin, Sodium Molybdate, Potassium Iodide, Sodium Selenate, Phylloquinone, Vitamin D3, Vitamin B12

Contains milk and soy ingredients.

HCPCS Code B4152

Jevity® 1.0 Cal

Complete, Balanced
Nutrition® with Fiber



Usage

JEVITY 1.0 CAL is fiber-fortified therapeutic nutrition that provides complete, balanced nutrition for long- or short-term tube feeding.

- For tube feeding.
- For supplemental or sole-source nutrition.
- May be used for oral feeding of patients with altered taste perception.
- Use under medical supervision.

Features

- 14.4 g total dietary fiber/L. Fiber helps maintain normal bowel function and may be useful in the dietary management of diarrhea and constipation.
- Meets or exceeds 100% of the RDIs for 25 essential vitamins and minerals in 1590 Cal (1500 mL).
- Provides protein to help support lean body mass.
- Kosher, halal, gluten-free, suitable for lactose intolerance.

Precautions

- Not for IV use.
- Not for people with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 33.8-fl oz (1.0-L) Ready to Hang Prefilled Container; 8/case		
Unflavored	62685	70074-0626-86
— 8.0-fl oz (237.0-mL) Recloseable Carton; 24/case		
Unflavored	64759	70074-0647-58

Technical Data		Nutrition Information					
Unflavored		Unflavored			Unflavored		
		8 fl oz	1L	8 fl oz	1L	8 fl oz	1L
Caloric Density, Cal/mL	1.0	Protein, g	10.5	44.3	Calcium, mEq	10.8	45.5
Protein, % Cal	16.7	Total Fat, g	8.2	34.7	Phosphorus, mg	198	834
Carbohydrate, % Cal	54.3	Total Carbohydrate, g	36.7	154.7	Phosphorus, mmol	4.3	18.1
Fat, % Cal	29	Dietary Fiber, g	3.4*	14.4†	Magnesium, mg	69	290
Omega-6:Omega-3 Ratio	6.36:1	Total Sugars, g	1.7	7	Magnesium, mEq	5.7	23.9
MCT:LCT	19:81	Added Sugars, g	1.7	7	Iodine, mcg	28	118
Total Cal:g Nitrogen	150:1	L-Carnitine, mg	27	115	Manganese, mg	0.69	2.9
Nonprotein Cal:g Nitrogen	125:1	Taurine, mg	27	115	Copper, mg	0.36	1.5
Osmolality, mOsm/kg H2O	300	Water, mL	198	835	Zinc, mg	2.2	9.4
Renal Solute Load, mOsm/L	370	Calories	250	1060	Iron, mg	2.8	12
Recommended Tube Size for Gravity/Pump Feeding (Fr)	10/10	Vitamin A, mcg RAE	142	600	Selenium, mcg	11	48
		Vitamin D, mcg	3.2	13.3	Chromium, mcg	11	48
		Vitamin E, mg	7.3	30.7	Molybdenum, mcg	19	82
		Vitamin K, mcg	25	106			
		Vitamin C, mg	55	232			
		Folate, mcg DFE	63	267			
		Folic Acid, mcg	38	160			
		Vit B1 (Thiamin), mg	0.26	1.1			
		Vit B2 (Riboflavin), mg	0.43	1.8			
		Vitamin B6, mg	0.33	1.4			
		Vitamin B12, mcg	1.9	8			
		Niacin, mg NE	3.3	14			
		Choline, mg	108	455			
		Biotin, mcg	4.7	20			
		Pantothenic Acid, mg	0.95	4			
		Sodium, mg	220	930			
		Sodium, mEq	9.6	40.4			
		Potassium, mg	372	1570			
		Potassium, mEq	9.5	40.3			
		Chloride, mg	310	1310			
		Chloride, mEq	8.7	37			
		Calcium, mg	216	910			

* 3.4 g of total dietary fiber from soy fiber.

† 14.4 g of total dietary fiber from soy fiber.

Jevity® 1.0 Cal

Ingredients

Unflavored

Water, Corn Maltodextrin, Corn Syrup Solids, Sodium Caseinate, Soy Fiber, Soy Protein Isolate, Canola Oil, Corn Oil, Medium Chain Triglycerides, Calcium Caseinate, Less than 0.5% of: Calcium Phosphate, Magnesium Chloride, Potassium Citrate, Soy Lecithin, Sodium Citrate, Ascorbic Acid, Potassium Chloride, Choline Chloride, Magnesium Phosphate, Potassium Hydroxide, Carrageenan, Taurine, L-Carnitine, dl-Alpha-Tocopheryl Acetate, Ferrous Sulfate, Zinc Sulfate, Manganese Sulfate, Niacinamide, Calcium Pantothenate, Copper Sulfate, Riboflavin, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Vitamin A Palmitate, Chromium Chloride, Folic Acid, Sodium Molybdate, Potassium Iodide, Sodium Selenate, Phylloquinone, Biotin, Vitamin D3, Vitamin B12

Contains milk and soy ingredients.

HCPCS Code B4150

www.AbbottNutrition.com

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Jevity® 1.2 Cal

Complete, Balanced
Nutrition® with Fiber



Usage

JEVITY 1.2 CAL is fiber-fortified therapeutic nutrition that provides complete, balanced nutrition for long- or short-term tube feeding.

- For tube feeding.
- For supplemental or sole-source nutrition.
- May be used for oral feeding of patients with altered taste perception.
- Use under medical supervision.

Features

- Concentrated calories (1.2 Cal/mL) to help tube-fed patients gain and maintain healthy weight.
- 4 g dietary fiber/8 fl oz (2.1 g of a unique fiber blend and 1.9 g of scFOS) which helps meet daily fiber intake. Fiber helps moderate bowel function.¹⁻³
- Includes 1.9 of scFOS/8 fl oz (8 g/L and 12 g/1.5 L). scFOS are prebiotics that stimulate the growth of beneficial bacteria in the colon.¹⁻³
- Meets or exceeds 100% of the RDIs for 25 essential vitamins and minerals in 1500 Cal (1250 mL).
- Kosher, halal, gluten-free, suitable for lactose intolerance.

Precautions

- Not for IV use.
- Not for people with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 33.8-fl oz (1.0-L) Ready to Hang Prefilled Container; 8/case		
Unflavored.....	62683	70074-0626-84
— 50.7-fl oz (1.5-L) Ready to Hang Prefilled Container; 6/case		
Unflavored.....	62667	70074-0626-68
— 8.0-fl oz (237.0-mL) Recloseable Carton; 24/case		
Unflavored.....	64625	70074-0646-24

1 Bornet FR, et al. *Nutr Rev.* 2002;60(11):326-334.

2 Tokunaga T, et al. *Bifidus.* 1993;6(2):143-150.

3 Bounhnik Y, et al. *Nutr J.* 2007;6:42-48.

Technical Data		Nutrition Information			
Unflavored		Unflavored	8 fl oz	1 L	1.5 L
Caloric Density, Cal/mL	1.2	Protein, g	13.2	55.5	83.3
Protein, % Cal	18.5	Total Fat, g	9.3	39.3	59
Carbohydrate, % Cal	53.3	Total Carbohydrate, g	40.2	169.4	254
Fat, % Cal	28.2	Dietary Fiber, g	4 [*]	17 [†]	25.5 [‡]
Omega-6:Omega-3 Ratio	5.5:1	scFOS, g	1.9	8	12
MCT:LCT	19:81	Total Sugars, g	3	13	20
Total Cal:g Nitrogen	135:1	Added Sugars, g	3	13	20
Nonprotein Cal:g Nitrogen	110:1	L-Carnitine, mg	36	150	225
Osmolality, mOsm/kg H ₂ O	450	Taurine, mg	36	150	225
Renal Solute Load, mOsm/L	467	Water, mL	191	807	1211
Recommended Tube Size for Gravity/Pump Feeding (Fr)	10/10	Calories	285	1200	1800
		Vitamin A, mcg RAE	171 [§]	720	1080 [¶]
		Vitamin D, mcg	3.8	16	24
		Vitamin E, mg	9.2	38	57
		Vitamin K, mcg	29	123	185
		Vitamin C, mg	59	250	375
		Folate, mcg DFE	76	320	480
		Folic Acid, mcg	46	192	288
		Vit B1 (Thiamin), mg	0.41	1.7	2.6
		Vit B2 (Riboflavin), mg	0.59	2.5	3.7
		Vitamin B6, mg	0.33	1.4	2.1
		Vitamin B12, mcg	2.3	9.6	14.4
		Niacin, mg NE	4	17	26
		Choline, mg	142	600	900
		Biotin, mcg	5.7	24	36
		Pantothenic Acid, mg	0.95	4	6.0
		Sodium, mg	253	1067	1600
		Sodium, mEq	11	46.4	69.6
		Potassium, mg	566	2390	3585
		Potassium, mEq	14.5	61.3	91.9
		Chloride, mg	356	1500	2250
		Chloride, mEq	10	42.4	63.5

* 2.1 g of total dietary fiber from a unique fiber blend and 1.9 g of short-chain fructooligosaccharides.

† 9 g of total dietary fiber from a unique fiber blend and 8 g of short-chain fructooligosaccharides.

‡ 13.5 g of total dietary fiber from a unique fiber blend and 12 g of short-chain fructooligosaccharides.

§ 122 mcg RAE of vitamin A activity supplied by 307 mcg of beta-carotene.

|| 515 mcg RAE of vitamin A activity supplied by 1295 mcg of beta-carotene.

¶ 773 mcg RAE of vitamin A activity supplied by 1943 mcg of beta-carotene.

Jevity® 1.2 Cal

Ingredients

Unflavored

Water, Corn Maltodextrin, Corn Syrup Solids, Sodium Caseinate, Soy Protein Isolate, Canola Oil, Corn Oil, Short-chain Fructooligosaccharides, Medium Chain Triglycerides, Calcium Caseinate, Soy Fiber, Less than 0.5% of: Oat Fiber, Potassium Citrate, Calcium Phosphate, Magnesium Phosphate, Gum Arabic, Potassium Chloride, Soy Lecithin, Cellulose Gum, Choline Chloride, Ascorbic Acid, Salt, Potassium Hydroxide, L-Carnitine, Taurine, dl-Alpha-Tocopheryl Acetate, Ferrous Sulfate, Sodium Citrate, Zinc Sulfate, Manganese Sulfate, Niacinamide, Copper Sulfate, Calcium Pantothenate, Thiamine Hydrochloride, Riboflavin, Pyridoxine Hydrochloride, Beta-Carotene, Vitamin A Palmitate, Chromium Chloride, Folic Acid, Sodium Molybdate, Potassium Iodide, Sodium Selenate, Biotin, Phylloquinone, Vitamin D3, Vitamin B12

Contains milk and soy ingredients.

HCPCS Code B4150

www.AbbottNutrition.com

Jevity® 1.5 Cal

Complete, Balanced
Nutrition® with Fiber



Usage

JEVITY 1.5 CAL is calorically dense, fiber-fortified therapeutic nutrition that provides complete, balanced nutrition for long- or short-term tube feeding.

- For tube feeding.
- For supplemental or sole-source nutrition.
- May be used for oral feeding of patients with altered taste perception.
- Use under medical supervision.

Features

- Concentrated calories (1.5 Cal/mL) to help tube-fed patients gain and maintain healthy weight.
- 5 g dietary fiber/8 fl oz (2.6 g of a unique fiber blend and 2.4 g of scFOS) which helps meet daily fiber needs. Fiber helps moderate bowel function.¹⁻³
- Includes 2.4 g scFOS/8 fl oz (10 g/L and 15 g/1.5 L). scFOS are prebiotics that stimulate the growth of beneficial bacteria in the colon.¹⁻³
- Meets or exceeds 100% of the RDIs for 25 essential vitamins and minerals in 1500 Cal (1000 mL).
- Kosher, halal, gluten-free, suitable for lactose intolerance.

Precautions

- Not for IV use.
- Not for people with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 33.8-fl oz (1.0-L) Ready to Hang Prefilled Container; 8/case		
Unflavored	62681	70074-0626-82
— 50.7-fl oz (1.5-L) Ready to Hang Prefilled Container; 6/case		
Unflavored	62689	70074-0626-90
— 8.0-fl oz (237.0-mL) Recloseable Carton; 24/case		
Unflavored	64628	70074-0646-26

1 Bornet FR, et al. *Nutr Rev.* 2002;60(11):326-334.

2 Tokunaga T, et al. *Bifidus.* 1993;6(2):143-150.

3 Bounhnik Y, et al. *Nutr J.* 2007;6:42-48.

Technical Data		Nutrition Information			
Unflavored		Unflavored	8 fl oz	1 L	1.5 L
Caloric Density, Cal/mL	1.5	Protein, g	15.1	63.8	95.7
Protein, % Cal	17.0	Total Fat, g	11.8	49.8	74.7
Carbohydrate, % Cal	54.4	Total Carbohydrate, g	51.1	215.7	323.6
Fat, % Cal	28.6	Dietary Fiber, g	5 [*]	21 [†]	31.5 [†]
Omega-6:Omega-3 Ratio	5.9:1	scFOS, g	2.4	10	15
MCT:LCT	19:81	Total Sugars, g	3.6	15	22.5
Total Cal:g Nitrogen	150:1	Added Sugars, g	3.6	15	22.5
Nonprotein Cal:g Nitrogen	124:1	L-Carnitine, mg	36	150	225
Osmolality, mOsm/kg H2O	525	Taurine, mg	36	150	225
Renal Solute Load, mOsm/L	515	Water, mL	180	760	1140
Recommended Tube Size for Gravity/Pump Feeding (Fr)	12/10	Calories	355	1500	2250
		Vitamin A, mcg RAE	213	900	1350
		Vitamin D, mcg	4.7	20	30
		Vitamin E, mg	13	55	82
		Vitamin K, mcg	40	170	255
		Vitamin C, mg	71	300	450
		Folate, mcg DFE	95	400	600
		Folic Acid, mcg	57	240	360
		Vit B1 (Thiamin), mg	0.45	1.9	2.8
		Vit B2 (Riboflavin), mg	0.76	3.2	4.8
		Vitamin B6, mg	0.54	2.3	3.4
		Vitamin B12, mcg	2.8	12	18
		Niacin, mg NE	4.7	20	30
		Choline, mg	142	600	900
		Biotin, mcg	7.1	30	45
		Pantothenic Acid, mg	1.9	7.9	12
		Sodium, mg	316	1330	1995
		Sodium, mEq	13.7	57.8	86.7
		Potassium, mg	517	2180	3270
		Potassium, mEq	13.3	55.9	83.8
		Chloride, mg	322	1360	2040
		Chloride, mEq	9.1	38.4	57.6

* 2.6 g total dietary fiber from a unique fiber blend and 2.4 g of short-chain fructooligosaccharides.

† 11 g total dietary fiber from a unique fiber blend and 10 g of short-chain fructooligosaccharides.

‡ 16.5 g total dietary fiber from a unique fiber blend and 15 g of short-chain fructooligosaccharides.

Jevity® 1.5 Cal

Ingredients

Unflavored

Water, Corn Maltodextrin, Corn Syrup Solids, Sodium Caseinate, Canola Oil, Corn Oil, Short-chain Fructooligosaccharides, Soy Protein Isolate, Medium Chain Triglycerides, Calcium Caseinate, Oat Fiber, Less than 0.5% of: Soy Fiber, Potassium Citrate, Calcium Phosphate, Gum Arabic, Magnesium Phosphate, Soy Lecithin, Sodium Citrate, Magnesium Chloride, Cellulose Gum, Ascorbic Acid, Choline Chloride, Potassium Chloride, Potassium Hydroxide, Taurine, L-Carnitine, dl-Alpha-Tocopheryl Acetate, Ferrous Sulfate, Zinc Sulfate, Manganese Sulfate, Niacinamide, Copper Sulfate, Calcium Pantothenate, Riboflavin, Thiamine Hydrochloride, Vitamin A Palmitate, Pyridoxine Hydrochloride, Folic Acid, Chromium Chloride, Sodium Molybdate, Potassium Iodide, Biotin, Phylloquinone, Sodium Selenate, Vitamin D3, Vitamin B12

Contains milk and soy ingredients.

HCPCS Code B4152

www.AbbottNutrition.com

Juven[®]

Therapeutic
Nutrition Powder
for Wound Healing



Usage

JUVEN has been clinically shown to support wound healing by enhancing collagen formation in as little as 2 weeks,^{1,2} and to help build and maintain lean body mass (LBM) in 4 weeks.^{1,3}

- Recommend two packets per day.
- Administer orally or as a modular via feeding tube; use in addition to a complete, balanced diet.
- Use under medical supervision.

Features

- Arginine – supports blood flow and is a building block for proteins, which can contribute to wound healing.^{4,5}
- Glutamine – involved in fibroblastic formation of collagen and supports the immune system.^{6,7}
- CaHMB (calcium β -hydroxy- β -methylbutyrate) – a metabolite of leucine that helps produce new tissue by slowing down muscle breakdown and stabilizing muscle cell membranes.⁸
- Collagen protein – shown to help stimulate internal collagen production.⁹
- Micronutrients (vitamins C, E & B12 and zinc) - important nutrients for the wound-healing process.
- Best when mixed at room temperature.

- Lactose-free.
- Kosher, gluten-free.

Precautions

- Not for sole-source nutrition.
- Not for IV use.

Availability (See page 224 for retail list numbers.)

Flavor	List No.	NDC Format Code
— 0.82-oz (23.0-g)		
Unflavored (Packet; 180/case)	66686	59781-0666-86
Unflavored (Packet; 30/case)	66695	59781-0666-95
— 0.97-oz (27.5-g)		
Orange (Packet; 180/case)	66674	59781-0666-74
Orange (Packet; 30/case)	66693	59781-0666-93
— 1.02-oz (28.8-g)		
Fruit Punch (Packet; 180/case)	66680	59781-0666-80
Fruit Punch (Packet; 30/case)	66694	59781-0666-94

* In both healthy elderly and patients with diabetic foot ulcers, taking 2 servings per day, as measured by hydroxyproline levels.

† In patients with cancer cachexia.

1 Williams JZ, et al. *Ann Surg.* 2002;236:369-375.

2 Jones MS, et al. *Surg Infect.* 2014;15(6):708-712.

3 May PE, et al. *Am J Surg.* 2002;183:471-479.

4 Stechmiller JK, et al. *Nutr Clin Proct.* 2005;20:52-61.

5 Preli RB, et al. *Atherosclerosis.* 2002;162:1-15.

6 Bellon G, et al. *Biochim Biophys Acta.* 1995;1268:311-323.

7 Andrews FJ, et al. *Br J Nutr.* 2002;87(suppl 1):S3-S8.

8 Clark RH, et al. *JPEN J Parenter Enteral Nutr.* 2000;24:133-139.

9 Sibilla S, et al. *The Open Nutraceuticals J.* 2015;8:29-42.

Technical Data		Nutrition Information			
Orange and Fruit Punch		ORANGE*		8 OZ UNFLAVORED*	
At standard dilution: Orange 27.5 g mixed with 8 fl oz of water. 1 packet Fruit Punch: 28.8 g.		Calories	90	Calories	80
Cal/serving	90/95	L-Arginine, g	7	L-Arginine, g	7
Amino acids, % Cal	61/58	L-Glutamine, g	7	L-Glutamine, g	7
Protein, % Cal	11/10	Protein (Collagen), g	2.5	Protein (Collagen), g	2.5
Carbohydrate, % Cal	28/32	Carbohydrate, g	8.4	Carbohydrate, g	4.2
Fat, % Cal	0/0	Sugars, g	2	Sugars, g	0
Osmolality, mOsm/kg H2O	513/521	Vitamin C, mg	300	Vitamin C, mg	300
		Vitamin E, mg	15	Vitamin E, mg	15
		Vitamin B12, mcg	1.2	Vitamin B12, mcg	1.2
		Calcium, mg	200	Calcium, mg	200
		Zinc, mg	9.5	Zinc, mg	9.5
		Calcium Beta-hydroxy-Beta-methylbutyrate, g	1.5	Calcium Beta-hydroxy-Beta-methylbutyrate, g	1.5
Unflavored		FRUIT PUNCH*		8 OZ	
At standard dilution: 1 packet 23 g mixed with 8 fl oz of water.		Calories	95		
Cal/serving	80	L-Arginine, g	7		
Amino acids, % Cal*	72	L-Glutamine, g	7		
Protein, % Cal	13	Protein (Collagen), g	2.5		
Carbohydrate, % Cal	15	Carbohydrate, g	9.8		
Fat, % Cal	0	Sugars, g	3		
Osmolality, mOsm/kg H2O	464	Vitamin C, mg	300		
		Vitamin E, mg	15		
		Vitamin B12, mcg	1.2		
		Calcium, mg	200		
		Zinc, mg	9.5		
		Calcium Beta-hydroxy-Beta-methylbutyrate, g	1.5		

Juven®

Ingredients

(Orange): L-Glutamine, L-Arginine, Citric Acid, Hydrolyzed Beef Collagen, Sugar, Calcium Beta-Hydroxy-Beta-Methylbutyrate, Natural & Artificial Flavor, Ascorbic Acid, dl-Alpha-Tocopheryl Acetate, Aspartame, Zinc Sulfate, Acesulfame Potassium, Yellow 6, Vitamin B12

(Fruit Punch): L-Glutamine, L-Arginine, Citric Acid, Sugar, Hydrolyzed Beef Collagen, Calcium Beta-Hydroxy-Beta-Methylbutyrate, Natural & Artificial Flavor, Ascorbic Acid, Colored with Beet Juice and Beta-Carotene, dl-Alpha-Tocopheryl Acetate, Zinc Sulfate, Acesulfame Potassium, Sucralose, Vitamin B12

(Unflavored): L-Glutamine, L-Arginine, Hydrolyzed Beef Collagen, Citric Acid, Calcium Beta-Hydroxy-Beta-Methylbutyrate, Ascorbic Acid, dl-Alpha-Tocopheryl Acetate, Zinc Sulfate, Vitamin B12

* Nutritional content will vary when mixed with food, juice or other beverage.

Nepro[®] with CARBSTEADY[®]

Therapeutic Nutrition for
People on Dialysis



Usage

NEPRO WITH CARBSTEADY is therapeutic nutrition specifically designed to help meet the nutritional needs of people on dialysis (stage 5 CKD).

- For tube or oral feeding.
- For supplemental or sole-source nutrition.
- Use under medical supervision.

Features

- Has CARBSTEADY[®], a carbohydrate blend designed to help minimize blood sugar response.
- Designed for people on dialysis with low phosphorus and potassium.
- Excellent source of high-quality protein (19 g /8 fl oz) to help meet nutritional needs and replace protein lost during dialysis.
- In a study of Nepro[®] as supplemental nutrition, patients on dialysis had increased serum albumin, increased serum prealbumin, and improved nutritional status (as signified by subjective global assessment).¹
- High in calories—1.8 Cal/mL.
- A good source of fiber, including prebiotics.
- Kosher, halal, gluten-free, suitable for lactose intolerance.

Precautions

- Not for IV use.
- Not for people with galactosemia.

Availability (See page 224 for retail list numbers.)

Flavor	List No.	NDC Format Code
— 33.8-fl oz (1.0-L) Ready to Hang Prefilled Container; 8/case		
Ready to Hang.....	62669	70074-0626-70
— 8.0-fl oz (237.0-mL) Recloseable Carton; 24/case		
Homemade Vanilla.....	64803	70074-0647-99
Mixed Berry.....	64796	70074-0647-95
Butter Pecan	64798	70074-0647-97

¹ Caglar K, et al. *Kidney Int.* 2002;62(3):1054-1059.

Technical Data		Nutrition Information		
Homemade Vanilla		Homemade Vanilla	8 fl oz	1 L
Caloric Density, Cal/mL	1.8	Protein, g	19	81
Protein, % Cal	18	Total Fat, g	23	96
Carbohydrate, % Cal	33	Saturated Fat, g	2	8.5
Fat, % Cal	49	Polysaturated Fat, g	4	17
Omega-6:Omega-3 Ratio	5.2:1	Monounsaturated Fat, g	16	68
Total Cal:g Nitrogen	141:1	Trans Fat, g	0	0
Nonprotein Cal:g Nitrogen	115:1	Cholesterol, mg	7	27
Osmolality, mOsm/kg H ₂ O	745	Total Carbohydrate, g	38	160
Renal Solute Load, mOsm/L	551	Dietary Fiber, g	6	25
Recommended Tube Size for Gravity/Pump Feeding (Fr)	10/10	scFOS, g	2	10
		Total Sugars, g	8.4	35.4
		Added Sugars, g	8.3	35.0
		L-Carnitine, mg	63	265
		Taurine, mg	38	160
		Water, mL	172	727
		Calories	420	1770
		Vitamin A, mcg RAE	180	759
		Vitamin D, mcg	3.8	16
		Vitamin E, mg	6.8	28.5
		Vitamin K, mcg	19	80
		Vitamin C, mg	23	95
		Folate, mcg DFE	300	1265
		Folic Acid, mcg	180	759
		Vit B1 (Thiamin), mg	0.60	2.53
		Vit B2 (Riboflavin), mg	0.50	2.11
		Vitamin B6, mg	2.21	9.32
		Vitamin B12, mcg	1.20	5.06
		Niacin, mg NE	8.0	34
		Choline, mg	140	591
		Biotin, mcg	15	63
		Pantothenic Acid, mg	2.25	9.5
		Sodium, mg	250	1050

NePro® with CARBSTEADY®

Ingredients

Homemade Vanilla

Water, Corn Syrup Solids, Caseinates (Calcium, Magnesium, Sodium), High Oleic Safflower Oil, Canola Oil, Sugar, Milk Protein Isolate, Less than 2% of: Soluble Corn Fiber, Glycerin, Short-chain Fructooligosaccharides, Soy Lecithin, Natural & Artificial Flavor, Calcium Citrate, Sodium Citrate, Potassium Citrate, Choline Chloride, Salt, Cellulose Gel, Ascorbic Acid, L-Carnitine, Taurine, Potassium Chloride, Cellulose Gum, Niacinamide, Ferrous Sulfate, Zinc Sulfate, d-Alpha-Tocopheryl Acetate, Pyridoxine Hydrochloride, Calcium Pantothenate, Manganese Sulfate, Copper Sulfate, Thiamine Hydrochloride, Riboflavin, Vitamin A Palmitate, Folic Acid, Potassium Iodide, Chromium Chloride, Sodium Selenate, Sodium Molybdate, Biotin, Phylloquinone, Vitamin D3, Vitamin B12

Contains milk and soy ingredients.

HCPCS Code B4154

www.AbbottNutrition.com

Osmolite® 1.0 Cal

Complete, Balanced Nutrition® without Fiber



Usage

OSMOLITE 1.0 CAL is therapeutic nutrition that provides complete, balanced nutrition for long- or short-term tube feeding for patients with caloric requirements of less than 2000 Calories per day.

- For tube feeding.
- For supplemental or sole-source nutrition.
- May be used for oral feeding of patients with altered taste perception.
- Use under medical supervision.

Features

- Provides protein to help support lean body mass.
- Fat blend contains canola, MCT and corn oils. Patients who absorb lipids improperly may benefit from consuming a formula that contains MCTs as part of the fat source.
- 1590 Calories (1500 mL) provides at least 100% of the RDIs for 25 essential vitamins and minerals.
- Kosher, halal, gluten-free, suitable for lactose intolerance.

Precautions

- Not for IV use.
- Not for people with galactosemia.

Availability

Flavor _____ List No. _____ NDC Format Code _____

— **33.8-fl oz (1.0-L) Ready to Hang Prefilled Container; 8/case**

Unflavored 62691 70074-0626-92

— **8.0-fl oz (237.0-mL) Recloseable Carton; 24/case**

Unflavored 64633 70074-0646-32

OSMOLITE® 1.0 CAL

Technical Data		Nutrition Information					
Unflavored		Unflavored			Unflavored		
		8 fl oz	1 L	8 fl oz	1 L	8 fl oz	1 L
Caloric Density, Cal/mL	1.0	Protein, g	10.5	44.3	Calcium, mEq	10.3	43.5
Protein, % Cal	16.7	Total Fat, g	8.2	34.7	Phosphorus, mg	198	835
Carbohydrate, % Cal	54.3	Total Carbohydrate, g	33.9	143.9	Phosphorus, mmol	6.4	26.9
Fat, % Cal	29	Dietary Fiber, g	0	0	Magnesium, mg	69	290
Omega-6:Omega-3 Ratio	6.3:1	Total Sugars, g	1.7	7	Magnesium, mEq	5.7	23.9
MCT:LCT	20:80	Added Sugars, g	1.7	7	Iodine, mcg	28	118
Total Cal:g Nitrogen	150:1	L-Carnitine, mg	27	115	Manganese, mg	0.69	2.9
Nonprotein Cal:g Nitrogen	125:1	Taurine, mg	27	115	Copper, mg	0.36	1.5
Osmolality, mOsm/kg H ₂ O	300	Water, mL	198	835	Zinc, mg	2.2	9.4
Renal Solute Load, mOsm/L	373	Calories	250	1060	Iron, mg	2.8	12
Recommended Tube Size for Gravity/Pump Feeding (Fr)	10/10	Vitamin A, mcg RAE	142	600	Selenium, mcg	11	48
		Vitamin D, mcg	3.2	13.3	Chromium, mcg	11	48
		Vitamin E, mg	7.3	30.7	Molybdenum, mcg	19	82
		Vitamin K, mcg	25	106			
		Vitamin C, mg	55	232			
		Folate, mcg DFE	63	267			
		Folic Acid, mcg	38	160			
		Vit B1 (Thiamin), mg	0.27	1.1			
		Vit B2 (Riboflavin), mg	0.43	1.8			
		Vitamin B6, mg	0.33	1.4			
		Vitamin B12, mcg	1.9	8			
		Niacin, mg NE	3.3	14			
		Choline, mg	108	455			
		Biotin, mcg	4.7	20			
		Pantothenic Acid, mg	0.95	4			
		Sodium, mg	220	930			
		Sodium, mEq	9.6	40.5			
		Potassium, mg	372	1570			
		Potassium, mEq	9.5	40.2			
		Chloride, mg	341	1440			
		Chloride, mEq	9.6	40.7			
		Calcium, mg	206	870			

Osmolite® 1.0 Cal

Ingredients

Water, Corn Maltodextrin, Corn Syrup Solids, Sodium Caseinate, Soy Protein Isolate, Canola Oil, Corn Oil, Medium Chain Triglycerides, Calcium Caseinate, Less than 0.5% of: Calcium Phosphate, Soy Lecithin, Potassium Citrate, Potassium Chloride, Sodium Citrate, Magnesium Phosphate, Magnesium Chloride, Ascorbic Acid, Choline Chloride, Potassium Hydroxide, Calcium Carbonate, Sodium Hydroxide, Carrageenan, Taurine, L-Carnitine, dl-Alpha-Tocopheryl Acetate, Ferrous Sulfate, Zinc Sulfate, Manganese Sulfate, Niacinamide, Calcium Pantothenate, Copper Sulfate, Riboflavin, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Vitamin A Palmitate, Chromium Chloride, Sodium Molybdate, Folic Acid, Potassium Iodide, Sodium Selenate, Phylloquinone, Biotin, Vitamin D3, Vitamin B12

Contains milk and soy ingredients.

HCPCS Code B4150

www.AbbottNutrition.com 77

Osmolite® 1.2 Cal

Complete, Balanced Nutrition® without Fiber



Usage

OSMOLITE 1.2 CAL is therapeutic nutrition that provides complete, balanced nutrition for long- or short-term tube feeding for patients who may benefit from increased calories.

- For tube feeding.
- For supplemental or sole-source nutrition.
- May be used for oral feeding of patients with altered taste perception.
- Use under medical supervision.

Features

- Concentrated calories (1.2 Cal/mL).
- Fat blend contains high-oleic safflower, canola, and MCT oils. Patients who absorb lipids improperly may benefit from consuming a formula that contains MCTs as part of the fat source.
- 1500 Calories (1250 mL) provides at least 100% of the RDIs for 25 essential vitamins and minerals.
- Kosher, halal, gluten-free, suitable for lactose intolerance.

Precautions

- Not for IV use.
- Not for people with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 33.8-fl oz (1.0-L) Ready to Hang Prefilled Container; 8/case		
Unflavored	62697	70074-0626-98
— 50.7-fl oz (1.5-L) Ready to Hang Prefilled Container; 6/case		
Unflavored	62693	70074-0626-94
— 8.0-fl oz (237.0-mL) Recloseable Carton; 24/case		
Unflavored	64635	70074-0646-34

Technical Data		Nutrition Information			
Unflavored		Unflavored	8 fl oz	1 L	1.5 L
Caloric Density, Cal/mL	1.2	Protein, g	13.2	55.5	83.3
Protein, % Cal	18.5	Total Fat, g	9.3	39.3	59
Carbohydrate, % Cal	52.5	Total Carbohydrate, g	37.5	157.5	236.1
Fat, % Cal	29	Dietary Fiber, g	0	0	0
Omega-6:Omega-3 Ratio	5.0:1	Total Sugars, g	2	8.4	12.7
MCT:LCT	20:80	Added Sugars, g	2	8.4	12.7
Total Cal:g Nitrogen	135:1	L-Carnitine, mg	36	150	225
Nonprotein Cal:g Nitrogen	110:1	Taurine, mg	36	150	225
Osmolality, mOsm/kg H ₂ O	360	Water, mL	195	820	1230
Renal Solute Load, mOsm/L	465	Calories	285	1200	1800
Recommended Tube Size for Gravity/Pump Feeding (Fr)	10/10	Vitamin A, mcg RAE	171 [*]	720 [†]	1080 [‡]
		Beta-Carotene, mcg	307	1295	1943
		Vitamin D, mcg	3.8	16	24
		Vitamin E, mg	10	42	63
		Vitamin K, mcg	29	123	185
		Vitamin C, mg	59	250	375
		Folate, mcg DFE	76	320	480
		Folic Acid, mcg	46	192	288
		Vit B1 (Thiamin), mg	0.41	1.7	2.6
		Vit B2 (Riboflavin), mg	0.59	2.5	3.7
		Vitamin B6, mg	0.33	1.4	2.1
		Vitamin B12, mcg	2.3	9.6	14.4
		Niacin, mg NE	4	17	26
		Choline, mg	142	600	900
		Biotin, mcg	5.7	24	36
		Pantothenic Acid, mg	0.95	4	6.0
		Sodium, mg	253	1067	1600
		Sodium, mEq	11	46.4	69.6
		Potassium, mg	539	2274	3410
		Potassium, mEq	13.8	58.3	87.4
		Chloride, mg	356	1500	2250
		Chloride, mEq	10	42.3	63.5
		Unflavored	8 fl oz	1 L	1.5 L
		Calcium, mg	284	1200	1800
		Calcium, mEq	14.2	60	90
		Phosphorus, mg	284	1200	1800
		Phosphorus, mmol	9.2	38.7	58.1
		Magnesium, mg	88	370	555
		Magnesium, mEq	7.2	30.4	45.7
		Iodine, mcg	36	150	225
		Manganese, mg	0.81	3.4	5.1
		Copper, mg	0.41	1.7	2.6
		Zinc, mg	2.5	11	16
		Iron, mg	3.4	14.4	22
		Selenium, mcg	14	58	87
		Chromium, mcg	14	58	87
		Molybdenum, mcg	23	99	148

* 122 mcg RAE of vitamin A activity supplied by 307 mcg of beta-carotene.

‡ 773 mcg RAE of vitamin A activity supplied by 1943 mcg of beta-carotene.

† 515 mcg RAE of vitamin A activity supplied by 1295 mcg of beta-carotene.

Osamolite® 1.2 Cal

Ingredients

Unflavored

Water, Corn Maltodextrin, Sodium Caseinate, High Oleic Safflower Oil, Calcium Caseinate, Canola Oil, Medium Chain Triglycerides, Less than 0.5% of: Potassium Citrate, Calcium Phosphate, Magnesium Phosphate, Soy Lecithin, Potassium Chloride, Sodium Citrate, Magnesium Chloride, Choline Chloride, Cellulose Gel, Ascorbic Acid, Potassium Phosphate, Potassium Hydroxide, Taurine, L-Carnitine, Cellulose Gum, dl-Alpha-Tocopheryl Acetate, Ferrous Sulfate, Zinc Sulfate, Manganese Sulfate, Niacinamide, Copper Sulfate, Calcium Pantothenate, Thiamine Hydrochloride, Riboflavin, Pyridoxine Hydrochloride, Beta-Carotene, Vitamin A Palmitate, Folic Acid, Chromium Chloride, Potassium Iodide, Sodium Molybdate, Sodium Selenate, Biotin, Phylloquinone, Vitamin D3, Vitamin B12

Contains milk and soy ingredients.

HCPCS Code B4150

www.AbbottNutrition.com

Osmolite® 1.5 Cal

Complete, Balanced Nutrition® without Fiber



Usage

OSMOLITE 1.5 CAL is therapeutic nutrition that provides complete, balanced nutrition for long- or short-term tube feeding patients who may benefit from increased calories, or for those with limited volume tolerance.

- For tube feeding.
- For supplemental or sole-source nutrition.
- Use under medical supervision.

Features

- Concentrated calories (1.5 Cal/mL) to help patients gain and maintain healthy weight.
- Fat blend contains high-oleic safflower, canola, and MCT oils. Patients who absorb lipids improperly may benefit from consuming a formula that contains MCTs as part of the fat source.
- 1500 Calories (1000 mL) provides at least 100% of the RDIs for 25 essential vitamins and minerals.
- Kosher, halal, gluten-free, suitable for lactose intolerance.

Precautions

- Not for IV use.
- Not for people with galactosemia.

Availability

Flavor _____ List No. _____ NDC Format Code _____

— **33.8-fl oz (1.0-L) Ready to Hang Prefilled Container; 8/case**

Unflavored 62699 70074-0627-00

— **8.0-fl oz (237.0-mL) Recloseable Carton; 24/case**

Unflavored 64837 70074-0648-35

Technical Data		Nutrition Information					
Unflavored		Unflavored			Unflavored		
		8 fl oz	1 L	8 fl oz	1 L		
Caloric Density, Cal/mL	1.5	Protein, g	14.9	62.7	Calcium, mEq	15.4	65
Protein, % Cal	16.7	Total Fat, g	11.6	49.1	Phosphorus, mg	296	1250
Carbohydrate, % Cal	54.3	Total Carbohydrate, g	48.2	203.6	Phosphorus, mmol	9.5	40.3
Fat, % Cal	29	Dietary Fiber, g	0	0	Magnesium, mg	100	420
Omega-6:Omega-3 Ratio	4.9:1	Total Sugars, g	2.5	10.5	Magnesium, mEq	8.2	34.6
MCT:LCT	20:80	Added Sugars, g	2.5	10.5	Iodine, mcg	36	150
Total Cal:g Nitrogen	152:1	L-Carnitine, mg	36	150	Manganese, mg	1.0	4.3
Nonprotein Cal:g Nitrogen	126:1	Taurine, mg	36	150	Copper, mg	0.52	2.2
Osmolality, mOsm/kg H ₂ O	525	Water, mL	181	762	Zinc, mg	3.1	13
Renal Solute Load, mOsm/L	520	Calories	355	1500	Iron, mg	4.3	18
Recommended Tube Size for Gravity/Pump Feeding (Fr)	10/10	Vitamin A, mcg RAE	213 [*]	900 [†]	Selenium, mcg	18	74
		Beta-Carotene, mcg	292	1233	Chromium, mcg	19	80
		Vitamin D, mcg	4.7	20	Molybdenum, mcg	30	128
		Vitamin E, mg	14	60			
		Vitamin K, mcg	40	170			
		Vitamin C, mg	47	200			
		Folate, mcg DFE	95	400			
		Folic Acid, mcg	57	240			
		Vit B1 (Thiamin), mg	0.45	1.9			
		Vit B2 (Riboflavin), mg	0.76	3.2			
		Vitamin B6, mg	0.54	2.3			
		Vitamin B12, mcg	2.8	12			
		Niacin, mg NE	4.7	20			
		Choline, mg	142	600			
		Biotin, mcg	7.1	30			
		Pantothenic Acid, mg	1.9	7.9			
		Sodium, mg	316	1330			
		Sodium, mEq	13.7	57.8			
		Potassium, mg	517	2180			
		Potassium, mEq	13.3	55.9			
		Chloride, mg	403	1700			
		Chloride, mEq	11.4	48			
		Calcium, mg	308	1300			

* 116 mcg RAE of vitamin A activity supplied by 292 mcg of beta-carotene.

† 490 mcg RAE of vitamin A activity supplied by 1233 mcg of beta-carotene.

Osmolite® 1.5 Cal

Ingredients

Unflavored

Water, Corn Maltodextrin, Sodium Caseinate, High Oleic Safflower Oil, Canola Oil, Soy Protein Isolate, Medium Chain Triglycerides, Calcium Caseinate, Less than 0.5% of: Potassium Citrate, Calcium Phosphate, Magnesium Chloride, Soy Lecithin, Sodium Citrate, Magnesium Phosphate, Ascorbic Acid, Potassium Chloride, Choline Chloride, Potassium Hydroxide, Potassium Phosphate, Taurine, L-Carnitine, Carrageenan, dl-Alpha-Tocopheryl Acetate, Ferrrous Sulfate, Zinc Sulfate, Manganese Sulfate, Niacinamide, Copper Sulfate, Calcium Pantothenate, Riboflavin, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Beta-Carotene, Vitamin A Palmitate, Folic Acid, Chromium Chloride, Sodium Molybdate, Potassium Iodide, Biotin, Phylloquinone, Sodium Selenate, Vitamin D3, Vitamin B12

Contains milk and soy ingredients.

HCPCS Code B4152

www.AbbottNutrition.com

Pedialyte® Classic

Electrolyte Solution for All Ages



Usage

PEDIALYTE CLASSIC is an advanced rehydration solution specially formulated with an optimal balance of glucose and electrolytes needed to help replenish vital fluids and minerals which, when lost, can lead to dehydration. It can help prevent mild to moderate dehydration caused by vomiting, diarrhea, exercise, travel, and extreme heat.

- Use under medical supervision for the dietary management of mild to moderate dehydration during diarrhea and vomiting.

Features

- #1 pediatrician- and pharmacist-recommended brand for hydration.
- Quickly replaces fluids and zinc.
- Designed to promote fluid absorption more effectively than common household beverages.
- Provides glucose to promote sodium and water absorption.
- Kid-approved taste to encourage compliance in children 1 year of age and older.
- Available in a variety of flavors, including Unflavored (for infants).
- Low osmolality.

- Contains no fruit juice.
- Lactose-free.
- Gluten-free, halal (certain flavors), kosher.

Precautions

- No mixing or diluting is necessary or recommended.
- For children under 1 year of age, consult your doctor.

Availability

Flavor	List No.	NDC Format Code
— 2.0-fl oz (59.0-mL) Bottle; 48/case		
Unflavored.....	59892.....	70074-0111-33
— 33.8-fl oz (1 L) Bottle; 4/case		
Unflavored.....	64380	
Strawberry.....	66281	
Mixed Fruit.....	66284	
Coconut Burst.....	67461	
— 33.8-fl oz (1 L) Bottle; 8/case		
Unflavored.....	00336.....	70074-0803-36
Strawberry.....	53983.....	70074-0539-84
Grape.....	00240.....	70074-0802-40
Mixed Fruit.....	00365.....	70074-0803-65

Pedialyte AdvancedCare®

Electrolyte Solution

AVAILABLE AT RETAIL ONLY



Usage

PEDIALYTE ADVANCEDCARE is an advanced rehydration solution specially formulated with PreActiv® Prebiotics to help promote digestive health. With an optimal balance of glucose and electrolytes, it helps replenish vital fluids and minerals which, when lost, can lead to dehydration. It can help prevent dehydration* caused by vomiting, diarrhea, exercise, travel, and extreme heat.

- Use under medical supervision for the dietary management of mild to moderate dehydration during diarrhea and vomiting.

Features

- #1 pediatrician- and pharmacist-recommended brand for hydration.
- Has PreActiv® Prebiotics to help promote digestive health.
- Quickly replaces fluids and electrolytes.
- Designed to help prevent mild to moderate dehydration more effectively than household beverages like sports drinks, juice, and soda.
- Has glucose to promote sodium and water absorption.
- Kid-approved taste encourages compliance in children.
- Available in a variety of flavors.

- Low osmolality.
- Contains no fruit juice.
- Kosher, halal (excluding Cherry Punch), gluten-free.

Precautions

- No mixing or diluting is necessary or recommended.
- For children under 1 year of age, consult your doctor.
- Not for people with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 33.8-fl oz (1.0-L) Bottle; 4/case		
Strawberry Lemonade	64301	70074-0643-02
Tropical Fruit	64307	70074-0643-08
— 33.8-fl oz (1.0-L) Bottle; 8/case		
Cherry Punch	63057	70074-0630-58
Blue Raspberry	63059	70074-0630-60

* Mild to moderate dehydration.

Pedialyte AdvancedCare[®] Plus

Electrolyte Solution

AVAILABLE AT RETAIL ONLY



Usage

PEDIALYTE ADVANCEDCARE PLUS is formulated with 33% more electrolytes* to help replenish more of the electrolytes lost due to vomiting, diarrhea, or extreme perspiration caused by extreme heat or prolonged exercise. It also has PreActiv[®] Prebiotics to help promote digestive health.

- Use under medical supervision for the dietary management of mild to moderate dehydration during diarrhea and vomiting.

Features

- #1 pediatrician- and pharmacist-recommended brand for hydration.
- Formulated for higher electrolyte loss.
- PreActiv[®] Prebiotics to help promote digestive health.
- Quickly replaces fluids and electrolytes.
- Designed to help prevent mild to moderate dehydration more effectively than household beverages like some sports drinks, juice, and soda.
- Has glucose to promote sodium and water absorption.
- Available in three flavors.
- Kid-approved taste encourages compliance in children.

- Low osmolality.
- Contains no fruit juice.
- Kosher, halal, gluten-free.

Precautions

- No mixing or diluting is necessary or recommended.
- For children under 1 year of age, consult your doctor.
- Not for people with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 33.8-fl oz (1.0-L) Bottle; 4/case		
Berry Frost.....	66641.....	70074-0666-42
Chilled Cherry Pomegranate.....	66645.....	70074-0666-46
Iced Grape.....	66855.....	70074-0668-56

* 60 mEq sodium electrolytes per liter vs 45 mEq in Pedialyte Classic.

Pedialyte AdvancedCare[®] Plus Powder

Electrolyte Powder

AVAILABLE AT RETAIL ONLY



Usage

PEDIALYTE ADVANCEDCARE PLUS POWDER is formulated with 33% more electrolytes* to help replenish more of the electrolytes lost due to vomiting, diarrhea, or extreme perspiration caused by extreme heat or prolonged exercise. It also has PreActiv[®] Prebiotics to help promote digestive health. Mix with 16 fl oz of water.

- Use under medical supervision for the dietary management of mild to moderate dehydration during diarrhea and vomiting.

Features

- On-the-go convenience.
- #1 doctor-, pediatrician-, and pharmacist-recommended brand.
- Has PreActiv[®] Prebiotics to help promote digestive health.
- An optimal balance of glucose and electrolytes.
- Quickly replaces fluids and electrolytes.
- Available in three flavors.
- Contains no fruit juice.
- Kosher, halal, gluten-free.

Precautions

- Not for use for children under 1 year of age.

Availability

Flavor	List No.	NDC Format Code
— 0.6-oz (17.0-g) Packet; 36/case		
Berry Frost	66969	70074-0669-70
Strawberry Freeze	66972	70074-0669-73
Orange Breeze	67426	70074-0674-27

Pedialyte® Electrolyte Water Drink

AVAILABLE AT RETAIL ONLY



Usage

PEDIALYTE® ELECTROLYTE WATER DRINK is designed for hydration purposes only, not mild to moderate dehydration. It has 3 key electrolytes and zinc for immune support.

- Not for children under 5 years of age for mild to moderate dehydration due to vomiting and diarrhea.

Features

- Zero sugar.*
- Zinc for immune support.
- Has 3 key electrolytes for hydration, including sodium, potassium, and chloride.
- One liter of Pedialyte® Electrolyte Water Drink provides: sodium, 30 mEq; potassium, 10 mEq; chloride, 20 mEq.
- No fruit juice.
- No artificial colors.
- Non-GMO.†
- Kosher, halal, gluten-free.

Precautions

- No mixing or diluting is necessary or recommended.

Availability

Flavor	List No.	NDC Format Code
— 33.8-fl oz (1.0-L) Bottle; 4/case		
Berry Frost	67966	70074-0679-67
Fruit Punch	67969	70074-0679-70

* Low in calories.

† Ingredients not genetically engineered.

Pedialyte® Freezer Pops

Electrolyte Solution

AVAILABLE AT RETAIL ONLY



Usage

PEDIALYTE FREEZER POPS replenish vital fluids lost due to diarrhea and vomiting to help prevent dehydration* in infants, children, and adults. Scientifically designed balance of electrolytes and glucose for fast rehydration.

- Use under medical supervision for the dietary management of mild to moderate dehydration during diarrhea and vomiting.

Features

- Cool way to rehydrate.
- Designed to promote fluid absorption more effectively than common household beverages.
- Provides glucose to promote sodium and water absorption.
- Available in a variety pack (Grape, Blue Raspberry, Cherry, Orange).
- Low osmolality.
- Contains no fruit juice.
- #1 doctor-, pediatrician-, and pharmacist-recommended brand.
- Kosher, halal.

Precautions

- Not for use for children under 1 year of age.
- No mixing or diluting is necessary or recommended.

Availability

Flavor _____ List No. _____ NDC Format Code _____

— 2.1-fl oz (62.5-mL) Sleeve; 64/case

Variety 62605 70074-0002-46

* Mild to moderate dehydration.

Pedialyte® Half Liter

AVAILABLE AT RETAIL ONLY



Usage

The perfect size for rehydration on the go, PEDIALYTE HALF LITER quickly replaces fluids and electrolytes.

Features

- Quickly replaces fluids and electrolytes.
- #1 doctor-recommended brand for hydration.
- Designed to replace fluids and electrolytes more effectively than household beverages like sports drinks, juice, and soda.
- Has glucose to promote sodium and water absorption.
- Zinc for immune support.
- Contains no fruit juice.
- Available in four flavors.
- Gluten-free.

Precautions

- No mixing or diluting is necessary or recommended.
- For children under 1 year of age, consult your doctor.

Availability

Flavor	List No.	NDC Format Code
— 16.9-fl oz (500.0-mL) Bottle; 12/case		
Strawberry	67598	70074-0682-70
Apple	67600	70074-0676-02
Coconut Burst	67603	70074-0682-68
Grape	67607	70074-0682-66

Pedialyte® with Immune Support

AVAILABLE AT RETAIL ONLY



Usage

From the #1 doctor-recommended brand for rehydration, PEDIALYTE with IMMUNE SUPPORT provides hydration with zinc, selenium, and magnesium.

- Use under medical supervision for the dietary management of mild to moderate dehydration during diarrhea and vomiting.

Features

- 3 key nutrients for immune support:
 - Zinc - helps build new immune cells.
 - Selenium - helps protect cells.
 - Magnesium - supports immune response.
- Designed to help prevent mild to moderate dehydration more effectively than household beverages like sports drinks, juice, and soda.
- 33% more electrolytes.*
- One liter of Pedialyte® with Immune Support liquid provides: sodium, 60 mEq; potassium, 20 mEq; chloride, 55 mEq.
- Available in 3 flavors.

- Contains no fruit juice.
- Kosher, halal.

Precautions

- No mixing or diluting is necessary or recommended.
- For children under 1 year of age, consult your doctor.
- Not for people with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 33.8-fl oz (1.0-L) Bottle; 4/case		
Peach Mango.....	68211.....	70074-0682-12
Raspberry Lemonade.....	68209.....	70074-0682-10
Cherry Punch.....	68494.....	70074-0684-95

Pedialyte[®] with Immune Support Powder

AVAILABLE AT RETAIL ONLY



Usage

From the #1 doctor-recommended brand for rehydration, PEDIALYTE WITH IMMUNE SUPPORT provides hydration with zinc, vitamin C and other key nutrients.

- Use under medical supervision for the dietary management of mild to moderate dehydration during diarrhea and vomiting.

Features

- 4 key nutrients for immune support:
 - Zinc - helps build new immune cells.
 - Vitamin C - promotes cell health.
 - Vitamin B12 - helps activate immune cells.
 - Vitamin E - supports cell membranes.
- Designed to help prevent mild to moderate dehydration more effectively than household beverages like sports drinks, juice, and soda.
- 33% more electrolytes.*
- One liter of reconstituted Pedialyte with Immune Support Powder (about two 14.1-g packets) provides: sodium, 60 mEq; potassium, 20 mEq; chloride, 50 mEq.
- Available in 2 flavors.

- Contains no fruit juice.
- Kosher, halal.

Precautions

- Not for use for children under 1 year of age.

Availability

Flavor _____ List No. _____ NDC Format Code _____

— **0.49-oz (14.1-g) Packet; 36/case**

Mixed Berry..... 6797470074-0679-75

Fruit Punch..... 6797170074-0679-72

Pedialyte[®] Organic

AVAILABLE AT RETAIL ONLY



Usage

PEDIALYTE ORGANIC quickly replenishes fluids and electrolytes to help prevent mild to moderate dehydration due to vomiting and diarrhea, extreme heat, intense exercise, and travel.

- Use under medical supervision for the dietary management of mild to moderate dehydration during diarrhea and vomiting.

Features

- Quickly replaces fluids and electrolytes.
- Designed to help prevent mild to moderate dehydration more effectively than household beverages like sports drinks, juice, and soda.
- No artificial colors, sweeteners, or flavors.
- USDA-certified organic.
- Great for kids & adults!
- #1 pharmacist- and pediatrician-recommended brand for hydration.

Precautions

- For children under 1 year of age, consult your doctor.

Availability

Flavor _____ List No. _____ NDC Format Code _____

— 33.8-fl oz (1.0-L) Bottle; 4/case

Grape..... 6730370074-0673-04

Crisp Lemon Berry..... 6730170074-0673-02

Pedialyte® Classic Powder Packs

Electrolyte Powder

AVAILABLE AT RETAIL ONLY



Usage

PEDIALYTE CLASSIC POWDER PACKS replenish vital fluids lost due to diarrhea to help prevent dehydration* in children and adults. A scientifically designed balance of electrolytes and glucose for fast rehydration. Mix with 8 fl oz of water.

- Use under medical supervision for the dietary management of mild to moderate dehydration during diarrhea and vomiting.

Features

- #1 pediatrician- and pharmacist-recommended brand for hydration.
- On-the-go convenience.
- Quickly replaces fluids and electrolytes.
- Designed to promote fluid absorption more effectively than common household beverages.
- Provides glucose to promote sodium and water absorption.
- Kid-approved taste to encourage compliance in children 1 year of age and older.
- Available in a variety pack (Fruit Punch, Grape, Apple, Strawberry).
- Low osmolality.

- Contains no fruit juice.
- Kosher, halal, gluten-free.

Precautions

- Not for use for children under 1 year of age.

Availability

Flavor _____ List No. _____ NDC Format Code _____

— **0.3-oz (8.5-g) Packet; 64/case**

Variety 56090 70074-0560-91

* Mild to moderate dehydration.

Pedialyte® Powder Packs 17 g

Electrolyte Powder

AVAILABLE AT RETAIL ONLY



Usage

PEDIALYTE POWDER PACKS replenish vital fluids lost due to diarrhea to help prevent mild to moderate dehydration in infants, children, and adults. A scientifically designed balance of electrolytes and glucose for fast rehydration. Mix with 16 fl oz of water.

- Use under medical supervision for the dietary management of mild to moderate dehydration during diarrhea and vomiting.

Features

- #1 pediatrician- and pharmacist-recommended brand for hydration.
- On-the-go convenience.
- Quickly replaces fluids and electrolytes.
- Designed to help prevent mild to moderate dehydration more effectively than household beverages like sports drinks, juice, and soda.
- Has glucose to promote sodium and water absorption.
- Kid-approved taste to encourage compliance in children 1 year of age and older.
- Available in a variety of flavors.
- Low osmolality.

- Contains no fruit juice.
- Kosher, halal, gluten-free.

Precautions

- Not for use for children under 1 year of age.

Availability

Flavor	List No.	NDC Format Code
— 0.6-oz (17.0-g) Packet; 36/case		
Strawberry Lemonade	6417270074-0641-74
Orange.....	64177.....	.70074-0641-79
Grape.....	64598.....	.70074-0645-97
Cherry.....	64595.....	.70074-0645-94

Pedialyte[®] Sport Liquid



AVAILABLE AT RETAIL ONLY

Usage

From the #1 doctor-recommended brand for rehydration, PEDIALYTE SPORT LIQUID is an advanced hydration option formulated for athletes with 5 key electrolytes for fast rehydration and muscle support. With a scientifically designed balance of glucose and electrolytes, Pedialyte Sport quickly replenishes fluids and is formulated to replace electrolytes you may lose during exercise.

Features

- Supplies 5 key electrolytes for fast rehydration and muscle support:
 - Sodium to avoid muscle cramps.
 - Chloride for fluid balance.
 - Potassium for muscle and nerve function.
 - Magnesium for muscle health.
 - Phosphate for muscle repair.
- Increased electrolytes to help replace what's lost in sweat.
- Available in Lemon Lime, Fruit Punch, and Berry Freeze.
- Contains no fruit juice.
- Kosher, halal, gluten-free.

Precautions

- Not for use for children under 2 years of age.
- Not for people with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 33.8-fl oz (1.0-L) Bottle; 4/case		
Lemon Lime	67838	70074-0678-39
Fruit Punch	67840	70074-0678-41
Berry Freeze	68421	70074-0684-22

Pedialyte® Sport Powder

AVAILABLE AT RETAIL ONLY



Usage

From the #1 doctor-recommended brand for rehydration, PEDIALYTE SPORT POWDER is an advanced hydration option formulated for athletes with 5 key electrolytes for fast rehydration and muscle support. With a scientifically designed balance of glucose and electrolytes, Pedialyte Sport quickly replenishes fluids and is formulated to replace electrolytes you may lose during exercise.

Features

- Supplies 5 key electrolytes for fast rehydration and muscle support:
 - Sodium to avoid muscle cramps.
 - Chloride for fluid balance.
 - Potassium for muscle and nerve function.
 - Magnesium for muscle health.
 - Phosphate for muscle repair.
- Increased electrolytes to help replace what's lost in sweat.
- Available in Lemon Lime and Fruit Punch.
- Contains no fruit juice.
- Kosher, halal, gluten-free.

Precautions

- Not for use for children under the age of two.

Availability

Flavor _____ List No. _____ NDC Format Code _____

— **0.49-oz (14.1-g) Packet; 36/case**

Lemon Lime 6784570074-0678-46

Fruit Punch 6784870074-0678-49

PediaSure[®] 1.5 Cal

Complete, Balanced Nutrition[®]



Usage

PEDIASURE 1.5 CAL is a higher^{*} caloric density product designed to meet the higher energy requirements of pediatric patients who are at risk for malnutrition, require a higher caloric density, or have fluid restrictions. It provides a source of complete, balanced nutrition for children 1 to 13 years of age.

- For oral or tube feeding.
- May be used as a sole source of nutrition or as a supplement.
- Use under medical supervision.

Features

- Meets or exceeds 100% of the DRIs for protein and 25 essential vitamins and minerals
 - in 1000 mL for children 1 to 8 years of age.
 - in 1500 mL for children 9 to 13 years of age.
- Excellent source of high-quality protein designed to meet the acceptable macronutrient distribution range of protein for children 1 to 13 years of age.
- DHA (32 mg per 8 fl oz) and lutein to support the brain and eyes.^{1,2}
- Vitamin D, calcium and phosphorus for strong bones.
- Good source of antioxidants (vitamins C & E and selenium) to support the immune system.

- No artificial growth hormones.[†]
- Kosher, halal, gluten-free, suitable for lactose intolerance.

Precautions

- Not intended for infants under 1 year of age unless specified by a physician.
- Not for IV use.
- Not for children with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 8.0-fl oz (237.0-mL) Can; 24/case		
Vanilla	67378	70074-0673-86

^{*} Caloric value is 1.5 Cal/mL compared to PediaSure Enteral Formula 1.0 Cal at 1.0 Cal/mL.

[†] No significant difference has been shown between milk derived from rbST-treated and non-rbST-treated cows.

¹ Lauritzen L, et al. *Prog Lipid Res.* 2001;40:1-94.

² Krinsky NI, et al. *Annu Rev Nutr.* 2003;23:171-201.

Technical Data		Nutrition Information			
Vanilla		Vanilla	8 fl oz	1 L	1.5 L
Caloric Density, Cal/mL	1.5	Protein, g	14	59	89
Protein, % Cal	16	Total Fat, g	16	67	101
Carbohydrate, % Cal	43	Saturated Fat, g	3.5	14	22
Fat, % Cal	41	Polyunsaturated Fat, g	5	20	30
Omega-6:Omega-3 Ratio	9:3	Monounsaturated Fat, g	7	30	44
MCT:LCT Ratio	10:90	Trans Fat, g	0	0	0
Total Cal/g Nitrogen	161:1	Cholesterol, mg	10	40	63
Nonprotein Cal/g Nitrogen	136:1	Total Carbohydrate, g	38	160	240
Osmolality, mOsm/kg H ₂ O	400	Dietary Fiber, g	<1	1	2
Renal Solute Load, mOsm/L	465	scFOS, g	0	0	0
Recommended Tube Size for Gravity/Pump Feeding (Fr)	10/10	Total Sugars, g	3	11	17
		Added Sugars, g	3	10	15
		L-Carnitine, mg	4.0	17	25
		Taurine, mg	18	76	114
		Water, mL	185	780	1170
		Calories	350	1500	2250
		Vitamin A, mcg RAE	140	590	886
		Vitamin D, mcg	6.0	25	38
		Vitamin E, mg	3.0	13	19
		Vitamin K, mcg	18	76	114
		Vitamin C, mg	23	97	146
		Folate, mcg DFE	60	253	380
		Folic Acid, mcg	36	152	227
		Vit B1 (Thiamin), mg	0.30	1.3	1.9
		Vit B2 (Riboflavin), mg	0.33	1.4	2.1
		Vitamin B6, mg	0.34	1.4	2.1
		Vitamin B12, mcg	0.48	2.0	3.0
		Niacin, mg NE	3.2	14	20
		Choline, mg	80	338	506
		Biotin, mcg	8.0	34	50
		Pantothenic Acid, mg	1.3	5.5	8.2
		Inositol, mg	20	84	126

PediaSure® 1.5 Cal

Ingredients

Vanilla

Water, Corn Maltodextrin, Blend of Vegetable Oils (High Oleic Safflower, Soy, Medium Chain Triglycerides), Milk Protein Concentrate, Soy Protein Isolate, Less than 0.5% of: Vitamins & Minerals (Potassium Citrate, Potassium Chloride, Magnesium Phosphate, Calcium Phosphate, Ascorbic Acid, Choline Chloride, Calcium Carbonate, Potassium Phosphate, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, Zinc Sulfate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Vitamin A Palmitate, Copper Sulfate, Folic Acid, Chromium Chloride, Potassium Iodide, Sodium Molybdate, Sodium Selenate, Biotin, Phylloquinone, Vitamin D3, Vitamin B12), Natural & Artificial Flavor, Cellulose Gel, Soy Lecithin, Tuna Oil, Monoglycerides, Cellulose Gum, Potassium Hydroxide, Carrageenan, Inositol, Taurine, Sucralose, Salt, L-Carnitine, Lutein

Contains milk and soy ingredients.

HCPSC Code B4160

PediaSure[®] 1.5 Cal with Fiber

Complete, Balanced Nutrition[®]



Usage

PEDIASURE 1.5 CAL WITH FIBER is a higher^{*} caloric density product designed to meet the higher energy requirements of pediatric patients who are at risk for malnutrition, require a higher caloric density, or have fluid restrictions. It provides a source of complete, balanced nutrition for children 1 to 13 years of age.

- For oral or tube feeding.
- May be used as a sole source of nutrition or as a supplement.
- Use under medical supervision.

Features

- Meets or exceeds 100% of the DRIs for protein and 25 essential vitamins and minerals
 - in 1000 mL for children 1 to 8 years of age.
 - in 1500 mL for children 9 to 13 years of age.
- Excellent source of high-quality protein designed to meet the acceptable macronutrient distribution range of protein for children 1 to 13 years of age.
- Vitamin D, calcium and phosphorus for strong bones.
- Prebiotics designed to support digestive tract health¹⁻³ and antioxidants (vitamins C & E and selenium) to support the immune system.

- DHA (32 mg per 8 fl oz) and lutein to support the brain and eyes.^{4,5}
- No artificial growth hormones.[†]
- Kosher, halal, gluten-free, suitable for lactose intolerance.

Precautions

- Not intended for infants under 1 year of age unless specified by a physician.
- Not for IV use.
- Not for children with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 33.8-fl oz (1.0-L) Ready to Hang Prefilled Container; 8/case		
Vanilla	67376	70074-0673-77
— 8.0-fl oz (237.0-mL) Can; 24/case		
Vanilla	67374	70074-0673-75

^{*} Caloric value is 1.5 Cal/mL compared to PediaSure Enteral Formula 1.0 Cal at 1.0 Cal/mL.

[†] No significant difference has been shown between milk derived from rBST-treated and non-rBST-treated cows.

1 Bornet FR, et al. *Nutr Rev*. 2002;60(11):326-334.

2 Tokunaga T, et al. *Bifidus*. 1993;6(2):143-150.

3 Hidaka H, et al. *Bifidobact Microflora*. 1986;5:37-50.

4 Lauritzen L, et al. *Prog Lipid Res*. 2001;40:1-94.

5 Krinsky NI, et al. *Annu Rev Nutr*. 2003;23:171-201.

PEDIASURE® 1.5 CAL WITH FIBER

Technical Data		Nutrition Information			
Vanilla		Vanilla	8 fl oz	1 L	1.5 L
Caloric Density, Cal/mL	1.5	Protein, g	14	59	89
Protein, % Cal	16	Total Fat, g	16	68	101
Carbohydrate, % Cal	43	Saturated Fat, g	3.5	14	22
Fat, % Cal	41	Polyunsaturated Fat, g	5	20	30
Omega-6:Omega-3 Ratio*	10:1†	Monounsaturated Fat, g	7	30	44
MCT:LCT	10:90	Trans Fat, g	0	0	0
Total Cal:g Nitrogen	156:1	Cholesterol, mg	10	40	63
Nonprotein Cal:g Nitrogen	132:1	Total Carbohydrate, g	39	166	247
Osmolality, mOsm/kg H ₂ O	425	Dietary Fiber, g	3	13	19
Renal Solute Load, mOsm/L	465 (PRSL)	scFOS, g	1.7	7	10.8
Recommended Tube Size for Gravity/Pump Feeding (Fr)	10/10	Total Sugars, g	3	11	17
		Added Sugars, g	3	10	15
		L-Carnitine, mg	4.0	17	25
		Taurine, mg	18	76	114
		Water, mL	185	780	1170
		Calories	350	1500	2250
		Vitamin A, mcg RAE	140	590	886
		Vitamin D, mcg	6.0	25	38
		Vitamin E, mg	3.0	13	19
		Vitamin K, mcg	18	76	114
		Vitamin C, mg	23	97	146
		Folate, mcg DFE	60	253	380
		Folic Acid, mcg	36	152	227
		Vit B1 (Thiamin), mg	0.3	1.3	1.9
		Vit B2 (Riboflavin), mg	0.33	1.4	2.1
		Vitamin B6, mg	0.34	1.4	2.1
		Vitamin B12, mcg	0.48	2.0	3.0
		Niacin, mg NE	3.2	14	20
		Choline, mg	80	338	506
		Biotin, mcg	8.0	34	50
		Pantothenic Acid, mg	1.3	5.5	8.2
		Inositol, mg	20	84	126

* Product contains DHA (32 mg DHA/8 fl oz).

PediaSure® 1.5 Cal with Fiber

Ingredients

Vanilla

Water, Corn Maltodextrin, Blend of Vegetable Oils (High Oleic Safflower, Soy, Medium Chain Triglycerides), Milk Protein Concentrate, Soy Protein Isolate, Short-chain Fructooligosaccharides, Less than 0.5% of: Vitamins & Minerals (Potassium Citrate, Potassium Chloride, Magnesium Phosphate, Calcium Phosphate, Ascorbic Acid, Choline Chloride, Calcium Carbonate, Potassium Phosphate, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, Zinc Sulfate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Vitamin A Palmitate, Copper Sulfate, Folic Acid, Chromium Chloride, Potassium Iodide, Sodium Molybdate, Sodium Selenate, Biotin, Phylloquinone, Vitamin D3, Vitamin B12), Oat Fiber, Natural & Artificial Flavor, Soy Fiber, Cellulose Gel, Soy Lecithin, Tuna Oil,† Monoglycerides, Cellulose Gum, Potassium Hydroxide, Carrageenan, Inositol, Taurine, Sucralose, Salt, L-Carnitine, Lutein.

† Source of DHA.

Contains milk and soy ingredients.

HCPSC Code B4160

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PediaSure[®] Enteral Formula 1.0 Cal

Complete, Balanced Nutrition[®]



Usage

PEDIASURE ENTERAL FORMULA 1.0 CAL is a source of complete, balanced nutrition especially designed for the tube feeding of children 1 to 13 years of age.

- May be used as the sole source of nutrition or as a supplement.
- Use under medical supervision.

Features

- 1.0 Cal/mL, 240 Cal/8 fl oz, from a balanced distribution of protein, fat, and carbohydrate.
- Meets or exceeds 100% of the DRIs for protein and 25 essential vitamins and minerals in 1000 mL for children 1 to 8 years of age, and in 1500 mL for children 9 to 13 years of age.
- Good source of antioxidants (vitamins C & E and selenium) to support the immune system.
- Vitamin D, calcium, and phosphorus for strong bones.
- DHA omega-3* to help support brain and eye development.^{1,2}
- No artificial growth hormones.†
- Kosher, halal, gluten-free.
- Suitable for lactose intolerance.

Precautions

- Not intended for infants under 1 year of age unless specified by a physician.
- Not for IV use.
- Not for children with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 8.0-fl oz (237.0-mL) Can; 24/case		
Vanilla	67401	70074-0674-02

* 32 mg DHA per 8-fl-oz serving.

† No significant difference has been shown between milk derived from rbST-treated and non-rbST-treated cows.

1 Lauritzen L, et al. *Prog Lipid Res.* 2001;40:1-94.

2 Krinsky NI, et al. *Annu Rev Nutr.* 2003;23:171-201.

PEDIASURE® ENTERAL FORMULA 1.0 CAL

Technical Data		Nutrition Information							
Vanilla		Vanilla	8 fl oz	1 L	1.5 L	Vanilla	8 fl oz	1 L	1.5 L
Caloric Density, Cal/mL	1.0	Protein, g	7	30	44	Sodium, mg	90	380	570
Protein, % Cal	12	Total Fat, g	9	38	57	Sodium, mEq	3.9	16.5	24.7
Carbohydrate, % Cal	54	Saturated Fat, g	2.5	10	15	Potassium, mg	470	1980	2970
Fat, % Cal	34	Trans Fat, g	0	0	0	Potassium, mEq	12.1	51	76
Omega-6:Omega-3 Ratio	8.5:1	Polyunsaturated Fat, g	2.5	11	16	Chloride, mg	230	970	1450
MCT:LCT	15:85	Monounsaturated Fat, g	3.5	15	22	Chloride, mEq	6.5	27	41
Total Cal:g Nitrogen	214:1	Cholesterol, mg	5	20	30	Calcium, mg	330	1390	2080
Nonprotein Cal:g Nitrogen	190:1	Total Carbohydrate, g	33	139	209	Calcium, mEq	16.5	70	104
Osmolality, mOsm/kg H2O	340	Dietary Fiber, g	<1	<1	1	Phosphorus, mg	250	1050	1580
Potential Renal Solute Load, mOsm/L	278	scFOS, g	0	0	0	Magnesium, mg	40	169	253
Recommended Tube Size for Gravity/Pump Feeding (Fr)	10/10	Total Sugars, g	7	29	44	Magnesium, mEq	3.3	14	21
		Added Sugars, g	7	28	42	Iodine, mcg	23	97	145
		L-Carnitine, mg	4	17	25	Manganese, mg	0.46	1.9	2.9
		Taurine, mg	18	76	114	Copper, mg	0.14	0.59	0.89
		Calories	240	1000	1500	Zinc, mg	1.7	7.2	10.8
		Water, mL	200	845	1266	Iron, mg	2.7	11	17
		Vitamin A, mcg RAE	140	590	886	Selenium, mcg	8	34	51
		Vitamin D, mcg	6	25	38	Chromium, mcg	9	38	57
		Vitamin E, mg	3	13	19	Molybdenum, mcg	9	38	57
		Vitamin K, mcg	18	76	114				
		Vitamin C, mg	23	97	146				
		Folate, mcg DFE	60	253	380				
		Folic Acid, mcg	36	152	227				
		Vit B1 (Thiamin), mg	0.3	1.3	1.9				
		Vit B2 (Riboflavin), mg	0.33	1.4	2.1				
		Vitamin B6, mg	0.34	1.4	2.1				
		Vitamin B12, mcg	0.48	2	3				
		Niacin, mg NE	3.2	14	20				
		Choline, mg	80	338	506				
		Biotin, mcg	8	34	50				
		Pantothenic Acid, mg	1.3	5.5	8.2				
		Inositol, mg	20	84	126				

PediaSure® Enteral Formula 1.0 Cal Ingredients

Vanilla

Water, Corn Maltodextrin, Blend Of Vegetable Oils (High Oleic Safflower, Soy, Medium Chain Triglycerides), Milk Protein Concentrate, Sugar, Soy Protein Isolate; Less Than 0.5% Of: Vitamins And Minerals (Potassium Phosphate, Potassium Citrate, Calcium Carbonate, Potassium Chloride, Magnesium Phosphate, Calcium Phosphate, Ascorbic Acid, Choline Chloride, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, Zinc Sulfate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Vitamin A Palmitate, Copper Sulfate, Folic Acid, Chromium Chloride, Potassium Iodide, Sodium Molybdate, Sodium Selenate, Biotin, Phylloquinone, Vitamin D3, Vitamin B12.), Natural And Artificial Flavor, Cellulose Gel, Tuna Oil*, Soy Lecithin, Monoglycerides, Carrageenan, Salt, Cellulose Gum, Potassium Hydroxide, Inositol, Taurine, L-Carnitine and Lutein.

* Source of docosahexaenoic acid (DHA).

Contains milk and soy ingredients.

HCPCS Code B4160

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PediaSure® Enteral Formula 1.0 Cal with Fiber

Complete, Balanced Nutrition®



Usage

PEDIASURE ENTERAL FORMULA 1.0 CAL WITH FIBER is a source of complete, balanced nutrition especially designed for tube feeding children 1 to 13 years of age.

- May be used as the sole source of nutrition or as a supplement.
- Use under medical supervision.

Features

- 1.0 Cal/mL, 240 Cal/8 fl oz, from a balanced distribution of protein, fat, and carbohydrate.
- Meets or exceeds 100% of the DRIs for protein and 25 essential vitamins and minerals for children 1-8 years of age in 1000 Cal (1000 mL) and for children 9-13 years of age in 1500 Cal (1500 mL).
- Vitamin D, calcium, and phosphorus for strong bones.
- DHA omega-3* to help support brain and eye development.^{1,2}
- Prebiotics designed to support digestive tract health³⁻⁵ and antioxidants (vitamins C & E and selenium) to support the immune system.

- No artificial growth hormones.[†]
- Kosher, halal, gluten-free.
- Suitable for lactose intolerance.

Precautions

- Not intended for infants under 1 year of age unless specified by a physician.
- Not for IV use.
- Not for children with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 8.0-fl oz (237.0-mL) Can; 24/case		
Vanilla	67403	70074-0674-04
— 33.8 fl oz (1 L) Ready to Hang Prefilled Container; 8/case		
Vanilla	67405	70074-0674-06

* 32 mg DHA per 8-fl-oz serving.

† No significant difference has been shown between milk derived from rbST-treated and non-rbST-treated cows.

1 Lauritzen L, et al. *Prog Lipid Res.* 2001;40:1-94.

2 Krinsky NI, et al. *Annu Rev Nutr.* 2003;23:171-201.

3 Bornet FR, et al. *Nutr Rev.* 2002;60:326-334.

4 Tokunaga T, et al. *Bifidus.* 1993;6:143-150.

5 Hidaka H, et al. *Bifidobacteria Microflora.* 1986;5:37-50.

PEDIASURE® ENTERAL FORMULA 1.0 CAL WITH FIBER

Technical Data		Nutrition Information			
Vanilla		Vanilla	8 fl oz	1 L	1.5 L
Caloric Density, Cal/mL	1.0	Protein, g	7	30	44
Protein, % Cal	12	Total Fat, g	9	38	57
Carbohydrate, % Cal	54	Saturated Fat, g	2.5	10	15
Fat, % Cal	34	Trans Fat, g	0	0	0
Omega-6:Omega-3 Ratio	8.5:1	Polyunsaturated Fat, g	2.5	11	16
MCT:LCT	15:85	Monounsaturated Fat, g	3.5	15	22
Total Cal:g Nitrogen	214:1	Cholesterol, mg	5	20	30
Nonprotein Cal:g Nitrogen	190:1	Total Carbohydrate, g	34	143	215
Osmolality, mOsm/kg H2O	340	Dietary Fiber, g	3	13	19
Potential Renal Solute Load, mOsm/L	278	scFOS, g	1.7	7	10.8
Recommended Tube Size for Gravity/Pump Feeding (Fr)	10/10	Total Sugars, g	7	29	44
		Added Sugars, g	7	28	42
		L-Carnitine, mg	4	17	25
		Taurine, mg	18	76	114
		Water, mL	200	845	1266
		Calories	240	1000	1500
		Vitamin A, mcg RAE	140	590	886
		Vitamin D, mcg	6	25	38
		Vitamin E, mg	3	13	19
		Vitamin K, mcg	18	76	114
		Vitamin C, mg	23	97	146
		Folate, mcg DFE	60	253	380
		Folic Acid, mcg	36	152	227
		Vit B1 (Thiamin), mg	0.30	1.3	1.9
		Vit B2 (Riboflavin), mg	0.33	1.4	2.1
		Vitamin B6, mg	0.34	1.4	2.1
		Vitamin B12, mcg	0.48	2	3
		Niacin, mg NE	3.2	14	20
		Choline, mg	80	338	506
		Biotin, mcg	8	34	50
		Pantothenic Acid, mg	1.3	5.5	8.2
		Inositol, mg	20	84	126

PediaSure® Enteral Formula 1.0 Cal With Fiber

Ingredients

Vanilla

Water, Corn Maltodextrin, Blend Of Vegetable Oils (High Oleic Safflower, Soy, Medium Chain Triglycerides), Milk Protein Concentrate, Sugar, Soy Protein Isolate, Short-Chain Fructooligosaccharides; Less Than 0.5% Of: Vitamins And Minerals (Potassium Phosphate, Calcium Carbonate, Potassium Chloride, Potassium Citrate, Calcium Phosphate, Ascorbic Acid, Choline Chloride, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, Zinc Sulfate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Vitamin A Palmitate, Copper Sulfate, Magnesium Phosphate, Folic Acid, Chromium Chloride, Potassium Iodide, Sodium Molybdate, Sodium Selenate, Biotin, Phylloquinone, Vitamin D3, Vitamin B12), Oat Fiber, Soy Fiber, Natural And Artificial Flavor, Gum Arabic, Cellulose Gel, Tuna Oil*, Cellulose Gum, Soy Lecithin, Monoglycerides, Carrageenan, Salt, Potassium Hydroxide, Inositol, Taurine, L-Carnitine and Lutein.

* Source of DHA.

Contains milk and soy ingredients.

HPCPS Code B4160

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PediaSure® Grow & Gain Therapeutic Nutrition Shake

Complete, Balanced Nutrition®



Usage

PEDIASURE GROW & GAIN is a source of complete, balanced nutrition especially designed for children 1 to 13 years of age.

- May be used as the sole source of nutrition or as a supplement.
- For oral or tube feeding.
- Use under medical supervision.

Features

- Clinically proven* to help kids grow.¹⁻⁶
- Meets or exceeds 100% of the DRIs for protein and 25 essential vitamins and minerals for children 1-8 years of age in 1000 Cal (1000 mL), and for children 9-13 years of age in 1500 Cal (1500 mL).
- Antioxidants (vitamins C & E and selenium) to support the immune system.
- Excellent source of calcium, vitamin D, and phosphorus for strong bones.
- DHA (32 mg per 8 fl oz) and lutein to support the brain and eyes.^{7,8}

- #1 pediatrician-recommended brand.
- No artificial growth hormones.†
- Kosher, halal, gluten-free, suitable for lactose intolerance.

Precautions

- Not intended for infants under 1 year of age unless specified by a physician.
- Not for IV use.
- Not for children with galactosemia.

Availability (See page 224 for retail list numbers.)

Flavor	List No.	NDC Format Code
— 8.0-fl oz (237.0-mL) Bottle; 24/case		
Vanilla	67533	70074-0675-34
Chocolate	67535	70074-0675-36
Strawberry	67537	70074-0675-38
— 8.0-fl oz (237.0-mL) Can; 24/case		
Vanilla	67522	70074-0671-85
Chocolate	67523	70074-0675-24
Strawberry	67525	70074-0675-26
Banana	67527	70074-0675-28

* Studied in children at risk for malnutrition, 2 servings per day.

† No significant difference has been shown between milk derived from rBST-treated and non-rBST-treated cows.

1 Akram DS, et al. *J Pak Med Assoc.* 2000;50:377-380.

2 Alarcon PA, et al. *Clin Pediatr.* 2003;42:209-217.

3 Fisberg M, et al. *Int Pediatr.* 2002;17:216-222.

4 Morales E, et al. *J Am Diet Assoc.* 1991;91:1233-1238.

5 Ramstack M, et al. *JPEN J Parenter Enteral Nutr.* 1991;15:89-92.

6 Huynh DT, et al. *J Am Hum Nutr Diet.* 2015;28:623-635.

7 Lauritzen L, et al. *Prog Lipid Res.* 2001;40:1-94.

8 Krinsky NI, et al. *Annu Rev Nutr.* 2003;23:171-201.

PEDIASURE® GROW & GAIN THERAPEUTIC NUTRITION SHAKE

Technical Data		Nutrition Information					
Vanilla		8 fl oz		1 L			
Caloric Density, Cal/mL	1.0	Protein, g	7	30	Sodium, mEq	3.9	16.5
Protein, % Cal	12	Total Fat, g	9	38	Potassium, mg	470	1980
Carbohydrate, % Cal	54	Saturated Fat, g	1.5	10	Potassium, mEq	12.1	51
Fat, % Cal	34	Polysaturated Fat, g	3.5	11	Chloride, mg	230	970
Omega-6:Omega-3 Ratio*	7	Monounsaturated Fat, g	3.5	15	Chloride, mEq	6.5	27
Total Cal/g Nitrogen	212:1	Trans Fat, g	0	0	Calcium, mg	330	1390
Nonprotein Cal/g Nitrogen	192:1	Cholesterol, mg	5 (10 Choc. bottle)	20	Calcium, mEq	16.5	70
Osmolality, mOsm/kg H ₂ O	460	Total Carbohydrate, g	33	139	Phosphorus, mg	250	1050
Renal Solute Load, mOsm/L	286	Dietary Fiber, g	<1 (1 Choc. bottle)	1	Magnesium, mg	40	169
		Total Sugars, g	9	37.5	Magnesium, mEq	3.3	14
		Added Sugars, g	9 (bottles; 8 cans)	37.5	Iodine, mcg	23	97
		L-Carnitine, mg	4.0	17	Manganese, mg	0.46	1.9
		Taurine, mg	18	76	Copper, mg	0.14	0.59
		Water, mL	200	845	Zinc, mg	1.7	7.2
		Calories	240	1000	Iron, mg	2.7	11
		Vitamin A, mcg RAE	140	590	Selenium, mcg	8	34
		Vitamin D, mcg	6.0	25	Chromium, mcg	9 (12 Choc.)	38
		Vitamin E, mg	3.0	13	Molybdenum, mcg	9	38
		Vitamin K, mcg	18	76			
		Vitamin C, mg	23	97			
		Folate, mcg DFE	60	253			
		Folic Acid, mcg	36	152			
		Vit B1 (Thiamin), mg	0.30	1.3			
		Vit B2 (Riboflavin), mg	0.33	1.4			
		Vitamin B6, mg	0.34	1.4			
		Vitamin B12, mcg	0.48	2			
		Niacin, mg NE	3.2	14			
		Choline, mg	80	338			
		Biotin, mcg	8	34			
		Pantothenic Acid, mg	1.3	5.5			
		Inositol, mg	20	84			
		Sodium, mg	90	380			

* Product contains DHA (32 mg DHA/8 fl oz).

PediaSure® Grow & Gain Therapeutic Nutrition Shake

Ingredients

Vanilla

Water, Corn Maltodextrin, Blend of Vegetable Oils (Soy, High Oleic Safflower), Sugar, Milk Protein Concentrate, Soy Protein Isolate, Less than 0.5% of: Vitamins & Minerals (Potassium Citrate, Calcium Phosphate, Potassium Chloride, Magnesium Phosphate, Potassium Phosphate, Calcium Carbonate, Ascorbic Acid, Choline Chloride, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, Zinc Sulfate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Vitamin A Palmitate, Copper Sulfate, Folic Acid, Chromium Chloride, Potassium Iodide, Sodium Molybdate, Sodium Selenate, Biotin, Phylloquinone, Vitamin D3, Vitamin B12, Menaquinone-7), Natural & Artificial Flavor, Cellulose Gel, Tuna Oil[†], Cellulose Gum, Monoglycerides, Soy Lecithin, Carrageenan, Potassium Hydroxide, Inositol, Salt, Taurine, Stevia Leaf Extract, L-Carnitine, Lutein

† Source of docosahexaenoic acid (DHA).

Contains milk and soy ingredients.

HCPCS Code B4160

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PediaSure® Grow & Gain with Fiber Therapeutic Nutrition Shake

Complete, Balanced Nutrition®



Usage

PEDIASURE GROW & GAIN WITH FIBER is a source of complete, balanced nutrition especially designed for children 1 to 13 years of age.

- May be used as the sole source of nutrition or as a supplement.
- For oral or tube feeding.
- Use under medical supervision.

Features

- Clinically proven* to help kids grow.¹⁻⁶
- Meets or exceeds 100% of the DRIs for protein and 25 essential vitamins and minerals for children 1-8 years of age in 1000 Cal (1000 mL), and for children 9-13 years of age in 1500 Cal (1500 mL).
- Good source of fiber[†] to help maintain regularity.
- Excellent source of calcium, vitamin D, and phosphorus for strong bones.

- DHA (32 mg per 8 fl oz) and lutein to support the brain and eyes.^{7,8}
- Antioxidants (vitamins C & E and selenium) to support the immune system.
- #1 pediatrician-recommended brand.
- No artificial growth hormones.‡
- Kosher, halal, gluten-free, suitable for lactose intolerance.

Precautions

- Not intended for infants under 1 year of age unless specified by a physician.
- Not for IV use.
- Not for children with galactosemia.

Availability (See page 224 for retail list numbers.)

Flavor	List No.	NDC Format Code
— 8.0-fl oz (237.0-mL) Bottle; 24/case		
Vanilla	67531	70074-0675-32
— 8.0-fl oz (237.0-mL) Can; 24/case		
Vanilla	67529	70074-0675-30

* Studied in children at risk for malnutrition, 2 servings per day.

† Contains 9 g of total fat per serving.

‡ No significant difference has been shown between milk derived from rBST-treated and non-rBST-treated cows.

1 Akram DS, et al. *J Pak Med Assoc.* 2000;50:377-380.

2 Alarcon PA, et al. *Clin Pediatr.* 2003;42:209-217.

3 Fisberg M, et al. *Int Pediatr.* 2002;17:216-222.

4 Morales E, et al. *J Am Diet Assoc.* 1991;91:1233-1238.

5 Ramstack M, et al. *JPEN J Parenter Enteral Nutr.* 1991;15:89-92.

6 Huynh DT, et al. *J Am Hum Nutr Diet.* 2015;28:623-635.

7 Lauritzen L, et al. *Prog Lipid Res.* 2001;40:1-94.

8 Krinsky NI, et al. *Annu Rev Nutr.* 2003;23:171-201.

PEDIASURE® GROW & GAIN WITH FIBER THERAPEUTIC NUTRITION SHAKE

Technical Data		Nutrition Information			
Vanilla		Vanilla	8 fl oz	1 L	1.5 L
Caloric Density, Cal/mL	1.0	Protein, g	7	30	44
Protein, % Cal	12	Total Fat, g	9	38	57
Carbohydrate, % Cal	54	Saturated Fat, g	1	4	6
Fat, % Cal	34	Polysaturated Fat, g	2	8.4	12.7
Omega-6:Omega-3 Ratio*	4.3:1†	Monounsaturated Fat, g	6	25.3	38
Total Cal:g Nitrogen	212:1	Trans Fat, g	0	0	0
Nonprotein Cal:g Nitrogen	186:1	Cholesterol, mg	5	20	30
Osmolality, mOsm/kg H2O	480	Total Carbohydrate, g	33	139	209
Renal Solute Load, mOsm/L	286 (PRSL)	Dietary Fiber, g	3 [†]	13 [†]	19 [†]
		scFOS, g	1.8	7.6	11.4
		Total Sugars, g	18	76	114
		Added Sugars, g	18	75	112
		L-Carnitine, mg	4	17	25
		Taurine, mg	18	76	114
		Water, mL	200	845	1266
		Calories	240	1000	1500
		Vitamin A, mcg RAE	140	590	886
		Vitamin D, mcg	6.0	25	38
		Vitamin E, mg	3.0	13	19
		Vitamin K, mcg	18	76	114
		Vitamin C, mg	23	97	146
		Folate, mcg DFE	60	253	380
		Folic Acid, mcg	36	152	227
		Vit B1 (Thiamin), mg	0.30	1.3	1.9
		Vit B2 (Riboflavin), mg	0.33	1.4	2.1
		Vitamin B6, mg	0.34	1.4	2.1
		Vitamin B12, mcg	0.48	2.0	3.0
		Niacin, mg NE	3.2	14	20
		Choline, mg	80	338	506
		Biotin, mcg	8.0	34	50
		Pantothenic Acid, mg	1.3	5.5	8.2
		Inositol, mg	20	84	126

* Product contains DHA (32 mg DHA/8 fl oz).

† Includes 7.6 g from short-chain fructooligosaccharides.

PediaSure® Grow & Gain with Fiber Therapeutic Nutrition Shake

Ingredients

Vanilla

Water, Sugar, Corn Maltodextrin, Blend of Vegetable Oils (High Oleic Safflower, Canola), Milk Protein Concentrate, Soy Protein Isolate, Short-chain Fructooligosaccharides, Soy Fiber, Less than 0.5% of: Vitamins & Minerals (Potassium Phosphate, Calcium Carbonate, Potassium Citrate, Potassium Chloride, Magnesium Phosphate, Ascorbic Acid, Choline Chloride, Calcium Phosphate, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, Zinc Sulfate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Vitamin A Palmitate, Copper Sulfate, Folic Acid, Chromium Chloride, Potassium Iodide, Sodium Molybdate, Sodium Selenate, Biotin, Phylloquinone, Vitamin D3, Vitamin B12), Natural & Artificial Flavor, Tuna Oil,[‡] Salt, Soy Lecithin, Monoglycerides, Carrageenan, Potassium Hydroxide, Inositol, Taurine, L-Carnitine, Lutein.

‡ Source of DHA.

Contains milk and soy ingredients.

HCPCS Code B4160

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PediaSure® Grow & Gain Shake Mix

AVAILABLE AT RETAIL ONLY



Usage

PEDIASURE GROW & GAIN SHAKE MIX is a source of nutrition for growth and has nutrients for immune support.

- Formulated for oral feeding; may also be tube fed.

Features

- Clinically proven* to help kids grow.¹⁻⁶
- Has a prebiotic blend to help support the immune system.
- Non-GMO.[†]
- No artificial growth hormones.[‡]
- #1 pediatrician-recommended brand.
- 6 g protein and 23 vitamins and minerals.
- Kosher, halal, gluten-free, suitable for lactose intolerance.

Precautions

- Use according to package directions.
- Consult your health care professional for use with children under 2 years of age.
- Not intended for sole-source nutrition; may be used as a supplement.
- Not for children with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 14.1-oz (400.0-g) Can; 6/case		
Vanilla	6695970074-0669-54
Chocolate	6696070074-0669-56
Strawberry	6696170074-0669-58

* Studied in children at risk for malnutrition, 2 servings daily.

† Ingredients not genetically engineered.

‡ No significant difference has been shown between milk derived from rbST-treated and non-rbST-treated cows.

1 Akram DS, et al. *J Pak Med Assoc.* 2000;50:377-380.

2 Alarcon PA, et al. *Clin Pediatr.* 2003;42:209-217.

3 Fisberg M, et al. *Int Pediatr.* 2002;17:216-222.

4 Morales E, et al. *J Am Diet Assoc.* 1991;91:1233-1238.

5 Ramstack M, et al. *JPEN J Parenter Enteral Nutr.* 1991;15:89-92.

6 Huynh DT, et al. *J Am Hum Nutr Diet.* 2015;28:623-635.

PEDIASURE® GROW & GAIN SHAKE MIX

Technical Data		Nutrition Information					
Vanilla		1/3 Cup (49 g powder)			1/3 Cup (49 g powder)		
			%DV†		%DV†		%DV†
Caloric Density, Cal/mL	1.0*	Protein, g	6	Choline, mg	60	10	
Protein, % Cal	11	Total Fat, g	9	Biotin, mcg	4	10	
Carbohydrate, % Cal	52	Saturated Fat, g	2	Pantothenic Acid, mg	1.3	25	
Fat, % Cal	37	Polysaturated Fat, g	2	Chloride, mg	180 (170 Choc.)	8	
Omega-6:Omega-3 Ratio	6:2:1	Monounsaturated Fat, g	4.5	Phosphorus, mg	150	10	
MCT:LCT	10:90	Trans Fat, g	0	Magnesium, mg	30 (35 Choc.)	6 (8 Choc.)	
Nonprotein Cal-g	183:1	Cholesterol, mg	10	Iodine, mcg	17 (18 Choc.)	10	
Nitrogen Ratio	(180:1 Choc.)	Total Carbohydrate, g	29	Manganese, mg	0.27 (0.33 Choc.)	10 (15 Choc.)	
Total Cal/g Nitrogen	208:1	Dietary Fiber, g	<1 (1 Choc.)	Copper, mg	0.13 (0.17 Choc.)	15 (20 Choc.)	
	(205:1 Choc.)	Total Sugars, g	9	Zinc, mg	1.2	10	
Osmolality, mOsm/kg H2O	417	Added Sugars, g	8	Selenium, mcg	6	10	
	(420 Choc.)	L-Carnitine, mg	3	Chromium, mcg	5 (10 Choc.)	15 (30 Choc.)	
Renal Solute Load, mOsm/L	291	Taurine, mg	13	Molybdenum, mcg	7 (8 Choc.)	15	
	(295 Choc.)	Calories	220				
		Vitamin A, mcg RAE	110				
		Beta-Carotene, mcg	0				
		Vitamin D, mcg	3.6				
		Vitamin E, mg	1.5				
		Vitamin K, mcg	11				
		Vitamin C, mg	18				
		Folate, mcg DFE	75				
		Folic Acid, mcg	45				
		M-Inositol, mg	14				
		Sodium, mg	130 (120 Choc.)				
		Potassium, mg	280 (330 Choc.)				
		Calcium, mg	180				
		Iron, mg	2.5 (2.7 Choc.)				
		Vit B1 (Thiamin), mg	0.54				
		Vit B2 (Riboflavin), mg	0.38 (0.39 Choc.)				
		Vitamin B6, mg	0.47				
		Vitamin B12, mcg	0.54				
		Niacin, mg NE	2.7				

* Prepared as directed.

† The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 Calories a day is used for general nutrition advice.

PediaSure® Grow & Gain Shake Mix Ingredients

Vanilla
 Corn Syrup, Blend Of Vegetable Oils (High Oleic Sunflower, Canola, Corn), Corn Maltodextrin, Sugar, Milk Protein Concentrate, Soy Protein Isolate, Short-Chain Fructooligosaccharides; Less Than 2% Of: Vitamins And Minerals*, Medium Chain Triglycerides, Natural And Artificial Flavor, Salt, Soy Lecithin, Taurine, Inositol, C. Cohnii Oil, And L-Carnitine Tartrate

* Vitamins And Minerals: Potassium Phosphate, Potassium Citrate, Sodium Citrate, Calcium Phosphate, Potassium Chloride, Magnesium Chloride, Calcium Carbonate, Magnesium Phosphate, Choline Chloride, Potassium Hydroxide, Ascorbyl Palmitate, Ascorbic Acid, Ferrous Sulfate, Mixed Tocopherols, Zinc Sulfate, dl-Alpha-Tocopheryl Acetate, Niacinamide, Calcium Pantothenate, Thiamine Hydrochloride, Manganese Sulfate, Pyridoxine Hydrochloride, Riboflavin, Copper Sulfate, Vitamin A Palmitate, Folic Acid, Potassium Iodide, Chromium Chloride, Sodium Selenite, Phylloquinone, Sodium Molybdate, Biotin, Vitamin D3, Menaquinone-7, Vitamin B12

Contains milk and soy ingredients.

PediaSure® Peptide 1.0 Cal

Peptide-Based Nutrition



Usage

PEDIASURE PEPTIDE 1.0 CAL is a nutritionally complete, peptide-based formula for the nutritional needs of children 1 to 13 years of age with malabsorption, maldigestion, and other GI conditions.

- For oral or tube feeding.
- For supplemental or sole-source nutrition.
- Use under medical supervision.

Features

- Complete, Balanced Nutrition®.
- Nutrient blend designed to help support tolerance and absorption:
 - Prebiotics from scFOS.
 - 60% MCT & structured lipids.
 - Hydrolyzed, whey-dominant protein.
- Meets or exceeds 100% of the DRIs for protein and 25 essential vitamins and minerals for children 1-8 years of age in 1000 Cal (1000 mL), and for children 9-13 years of age in 1500 Cal (1500 mL).
- Antioxidants (vitamins C & E and selenium) to support the immune system.

- Vitamin D (25 mcg/L, 1000 IU/L) and calcium for strong bones.
- DHA (32 mg per 8 fl oz) and lutein to support the brain and eyes.^{1,2}
- No artificial growth hormones.*
- Kosher, halal, gluten-free, suitable for lactose intolerance.

Precautions

- Not intended for infants under 1 year of age unless specified by a physician.
- Not for IV use.
- Not for children with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 1.1-QT (1.0-L) Ready to Hang Prefilled Container; 8/case		
Unflavored.....	67415.....	70074-0674-16
— 8.0-fl oz (237.0-mL) Bottle; 24/case		
Vanilla	67407	70074-0674-10
Strawberry.....	67411	70074-0674-12
Unflavored.....	67413.....	70074-0674-14

* No significant difference has been shown between milk derived from rbST-treated and non-rbST-treated cows.

1 Lauritzen L, et al. *Prog Lipid Res.* 2001;40:1-94.

2 Krinsky NI, et al. *Annu Rev Nutr.* 2003;23:171-201.

PEDIASURE® PEPTIDE 1.0 CAL

Technical Data		Nutrition Information				Nutrition Information			
Unflavored		Unflavored	8 fl oz	1L	1.5L	Unflavored	8 fl oz	1L	1.5L
Caloric Density, Cal/mL	1.0	Protein, g	7	30	45	Sodium, mg	170	717	1076
Protein, % Cal	12	Total Fat, g	9.6	41	61	Potassium, mg	470	1980	2970
Carbohydrate, % Cal	53	Saturated Fat, g	5	21	31	Chloride, mg	240	1010	1515
Fat, % Cal	35	Polysaturated Fat, g	0.5	2	3	Calcium, mg	330	1390	2085
Omega-6:Omega-3 Ratio	2:3:1	Monounsaturated Fat, g	1.5	6	9	Phosphorus, mg	250	1055	1582
MCT:LCT	60:40	Trans Fat, g	0	0	0	Magnesium, mg	40	170	255
Total Cal:g Nitrogen	208:1	Cholesterol, mg	10	40	60	Iodine, mcg	23	97	146
Nonprotein Cal:g Nitrogen	183:1	Total Carbohydrate, g	31.7	134	201	Manganese, mg	0.46	1.7	2.6
Osmolality, mOsm/kg H2O	290 (390	Dietary Fiber, g	0.7	3	4	Copper, mg	0.14	0.60	0.90
Van.,	Str.)	scFOS, g	0.7	3	4	Zinc, mg	2.8	11.8	17.7
Renal Solute Load, mOsm/L	281	Total Sugars, g	1*	5†	8‡	Iron, mg	3.3	13.9	20.9
Recommended Tube Size for Gravity/Pump Feeding (Fr)	10/10	Added Sugars, g	1*	5†	8‡	Selenium, mcg	8	34	51
		L-Carnitine, mg	4	17	25	Chromium, mcg	9	38	57
		Taurine, mg	30	127	190	Molybdenum, mcg	9	38	57
		Water, mL	201	845	1268				
		Calories	237	1000	1500				
		Vitamin A, mcg RAE	140	570	854				
		Vitamin D, mcg	5.9	25	37.5				
		Vitamin E, mg	2.5	10.4	15.5				
		Vitamin K, mcg	16	68	101				
		Vitamin C, mg	24	101	152				
		Folate, mcg DFE	120	500	750				
		Folic Acid, mcg	71	300	450				
		Vit B1 (Thiamin), mg	0.60	2.5	3.8				
		Vit B2 (Riboflavin), mg	0.5	2.1	3.2				
		Vitamin B6, mg	0.6	2.5	3.8				
		Vitamin B12, mcg	1.4	5.9	8.9				
		Niacin, mg NE	5.2	21.9	32.8				
		Choline, mg	80	340	510				
		Biotin, mcg	20	84	127				
		Pantothenic Acid, mg	2.4	10.1	15.2				
		Inositol, mg	32	135	203				

* (7 Van., Str.).

† (30 Van., Str.).

‡ (45 Van., Str.).

PediaSure® Peptide 1.0 Cal

Ingredients

Unflavored

Water, Corn Maltodextrin, Whey Protein Hydrolysate, Structured Lipid (Interesterified Canola Oil & Medium Chain Triglycerides), Medium-Chain Triglycerides, Hydrolyzed Sodium Caseinate, Less than 0.5% of the Following: Vitamins & Minerals (Calcium Phosphate, Potassium Citrate, Potassium Chloride, Magnesium Phosphate, Ascorbic Acid, Choline Chloride, Sodium Citrate, Ferrrous Sulfate, Zinc Sulfate, dl-Alpha-Tocopheryl Acetate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Copper Sulfate, Vitamin A Palmitate, Folic Acid, Chromium Chloride, Biotin, Potassium Iodide, Sodium Selenate, Sodium Molybdate, Phylloquinone, Vitamin D3, Vitamin B12), Short-chain Fructooligosaccharides, Canola Oil, Cellulose Gel, Soy Lecithin, Tuna Oil, Cellulose Gum, Carrageenan, Inositol, Potassium Hydroxide, Taurine, L-Carnitine, Lutein

Contains milk and soy ingredients.

HCPCS Code B4161

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PediaSure® Peptide 1.5 Cal

Peptide-Based Nutrition



Usage

PEDIASURE PEPTIDE 1.5 CAL is a nutritionally complete, peptide-based formula for the nutritional needs of children 1 to 13 years of age with malabsorption, maldigestion, and other GI conditions. It is designed to meet the nutritional and caloric needs of kids who require higher caloric density, have fluid restrictions, and are at risk for malnutrition.

- For oral or tube feeding.
- For supplemental or sole-source nutrition.
- Use under medical supervision.

Features

- Complete, Balanced Nutrition®.
- Nutrition to support growth and development.
- Nutrient blend designed to help support tolerance and absorption:
 - Prebiotics from scFOS.
 - 60% MCT & structured lipids.
 - Hydrolyzed, whey-dominant protein.
- Meets or exceeds 100% of the DRIs for protein and 25 essential vitamins and minerals for children 1 to 8 years of age in 1000 Cal (667 mL) and for children 9 to 13 years of age in 1500 Cal (1000 mL).

- Antioxidants (vitamins C & E and selenium) to support the immune system.
- Vitamin D (25 mcg/L, 1000 IU/L) and calcium for strong bones.
- DHA (32 mg per 8 fl oz) and lutein to support the brain and eyes.^{1,2}
- No artificial growth hormones.*
- Kosher, halal, gluten-free, suitable for lactose intolerance.

Precautions

- Not intended for infants under 1 year of age unless specified by a physician.
- Not for IV use.
- Not for children with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 33.8-fl oz (1.0-L) Ready to Hang Prefilled Container; 8/case		
Vanilla	67419	70074-0674-20
— 8.0-fl oz (237.0-mL) Bottle; 24/case		
Vanilla	67417	70074-0674-18

* No significant difference has been shown between milk derived from rbST-treated and non-rbST-treated cows.

1 Lauritzen L, et al. *Prog Lipid Res.* 2001;40:1-94.

2 Krinsky NI, et al. *Annu Rev Nutr.* 2003;23:171-201.

PEDIASURE® PEPTIDE 1.5 CAL

Technical Data		Nutrition Information							
Vanilla		Vanilla	8 fl oz	1 L	1.5 L	Vanilla	8 fl oz	1 L	1.5 L
Caloric Density, Cal/mL	1.5	Protein, g	10.7	45	68	Sodium, mg	255	1075	1615
Protein, % Cal	12	Total Fat, g	14.4	61	91.5	Potassium, mg	710	2975	4465
Carbohydrate, % Cal	53	Saturated Fat, g	8	35	52.5	Chloride, mg	360	1520	2280
Fat, % Cal	35	Polysaturated Fat, g	1	4	6	Calcium, mg	500	2090	3135
Omega-6:Omega-3 Ratio	2:3:1	Monounsaturated Fat, g	2.5	11	16.5	Phosphorus, mg	380	1580	2370
MCT:LCT	60:40	Trans Fat, g	0	0	0	Magnesium, mg	60	255	382.5
Total Cal:g Nitrogen	208:1	Cholesterol, mg	15	65	97.5	Iodine, mcg	35	148	222
Nonprotein Cal:g Nitrogen	183:1	Total Carbohydrate, g	47.6	201	301.5	Manganese, mg	0.7	2.9	4.35
Osmolality, mOsm/kg H2O	480	Dietary Fiber, g	1	5	7.5	Copper, mg	0.2	0.89	1.34
Renal Solute Load, mOsm/L	423	scFOS, g	1.1	4.6	7.5	Zinc, mg	4.3	18.1	27.2
Recommended Tube Size for Gravity/Pump Feeding (Fr)	10/10	Total Sugars, g	2	7	11	Iron, mg	5	21.1	31.7
		Added Sugars, g	2	7	11	Selenium, mcg	12	51	76.5
		L-Carnitine, mg	6.0	25	38	Chromium, mcg	14	57	85.5
		Taurine, mg	45	190	285	Molybdenum, mcg	14	57	85.5
		Water, mL	182	768	1152				
		Calories	356	1500	2250				
		Vitamin A, mcg RAE	200	850	1275				
		Vitamin D, mcg	5.9	25	37.5				
		Vitamin E, mg	3.7	15.5	23.3				
		Vitamin K, mcg	24	101	152				
		Vitamin C, mg	36	152	228				
		Folate, mcg DFE	180	750	1125				
		Folic Acid, mcg	107	450	675				
		Vit B1 (Thiamin), mg	1	4.2	6.3				
		Vit B2 (Riboflavin), mg	0.8	3.4	5.1				
		Vitamin B6, mg	1	4.2	6.3				
		Vitamin B12, mcg	2.1	8.9	13.4				
		Niacin, mg NE	7.6	31.9	47.9				
		Choline, mg	120	510	765				
		Biotin, mcg	30	127	190.5				
		Pantothenic Acid, mg	3.6	15	22.5				
		Inositol, mg	47	200	300				

PediaSure® Peptide 1.5 Cal

Ingredients

Vanilla

Water, Corn Maltodextrin, Structured Lipid (Interesterified Canola Oil & Medium Chain Triglycerides), Whey Protein Hydrolysate, Hydrolyzed Sodium Caseinate, Medium-Chain Triglycerides, Short-chain Fructooligosaccharides, Less than 0.5% of: Vitamins & Minerals (Calcium Phosphate, Potassium Citrate, Potassium Chloride, Potassium Phosphate, Magnesium Phosphate, Calcium Carbonate, Sodium Citrate, Ascorbic Acid, Choline Chloride, Ferrrous Sulfate, Magnesium Chloride, Zinc Sulfate, dl-Alpha-Tocopheryl Acetate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Copper Sulfate, Vitamin A Palmitate, Folic Acid, Biotin, Potassium Iodide, Chromium Chloride, Sodium Selenate, Sodium Molybdate, Phylloquinone, Vitamin D3, Vitamin B12), Canola Oil, Artificial Flavor, Cellulose Gel, Soy Lecithin, Tuna Oil, Inositol, Taurine, Cellulose Gum, Potassium Hydroxide, Acesulfame Potassium, Sucralose, L-Carnitine, Lutein

Contains milk and soy ingredients.

HCPCS Code B4161

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PediaSure[®] Reduced Calorie^{*}

Complete, Balanced Nutrition[®] for
Children with Lower Calorie Needs



Usage

PEDIASURE REDUCED CALORIE[†] has all the nutrients of PediaSure[®] Grow & Gain with fewer calories and less fat.

- For oral use for children requiring a lower calorie supplement.
- For tube feeding for children requiring a lower calorie complete feeding.
- Use under medical supervision.

Features

- No artificial growth hormones.[†]
- Meets or exceeds 100% of the DRIs for protein and 25 essential vitamins and minerals
 - in 633 Cal (1000 mL) for children 1 to 8 years of age.
 - in 949 Cal (1500 mL) for children 9 to 13 years of age.
- Antioxidants (vitamins C & E and selenium) to support the immune system.
- Supplies prebiotic fiber[‡] for digestive health.
- Kid-approved taste encourages compliance in children.
- #1 pediatrician-recommended brand.
- Kosher, halal, gluten-free, suitable for lactose intolerance.

Precautions

- Not intended for infants under 1 year of age unless specified by a physician.
- Not for IV use.
- Not for children with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 8.0-fl oz (237.0-mL) Bottle; 24/case		
Vanilla	67612.....	70074-0676-13

^{*} 37% fewer calories (150 Cal vs 240 Cal) and 40% less fat (5 g vs 9 g) for PediaSure Reduced Calorie vs PediaSure Grow & Gain per 8-fl-oz serving.

[†] No significant difference has been shown between milk derived from rBST-treated and non-rBST-treated cows.

[‡] Contains 5 g total fat per serving.

PEDIASURE® REDUCED CALORIE

Technical Data		Nutrition Information			
Vanilla		Vanilla	8 fl oz	1 L	1.5 L
Caloric Density, Cal/mL	0.63	Protein, g	7	30	44
Protein, % Cal	19	Total Fat, g	5	21	32
Carbohydrate, % Cal	51	Saturated Fat, g	1	4	6
Fat, % Cal	30	Polysaturated Fat, g	3	13	20
Omega-6:Omega-3 Ratio	7.5:1	Monounsaturated Fat, g	1	4	6
MCT:LCT	0:100	Trans Fat, g	0	0	0
Total Cal:g Nitrogen	136	Cholesterol, mg	<5	20	30
Nonprotein Cal:g Nitrogen	110	Total Carbohydrate, g	21	89	133
Osmolality, mOsm/kg H2O	420	Dietary Fiber, g	3	13	19
Renal Solute Load, mOsm/L	266	scFOS, g	2.4	10	15
Recommended Tube Size for Gravity/Pump Feeding (Fr)	10/10	Total Sugars, g	17	72	108
		Added Sugars, g	17	72	108
		L-Carnitine, mg	4.0	17	25
		Taurine, mg	18	76	114
		Water, mL	211	895	1342
		Calories	150	633	949
		Vitamin A, mcg RAE	140	590	886
		Vitamin D, mcg	6.0	25	38
		Vitamin E, mg	3.0	13	19
		Vitamin K, mcg	18	76	114
		Vitamin C, mg	23	97	146
		Folate, mcg DFE	60	253	380
		Folic Acid, mcg	36	152	227
		Vit B1 (Thiamin), mg	0.30	1.3	1.9
		Vit B2 (Riboflavin), mg	0.33	1.4	2.1
		Vitamin B6, mg	0.34	1.4	2.1
		Vitamin B12, mcg	0.48	2	3
		Niacin, mg NE	3.2	14	20
		Choline, mg	80	338	506
		Biotin, mcg	8.0	34	50
		Pantothenic Acid, mg	1.3	5.5	8.2
		Inositol, mg	20	84	126

PediaSure® Reduced Calorie

Ingredients

Vanilla

Water, Sugar, Milk Protein Concentrate, Soy Oil, Short-chain Fructooligosaccharides, Soy Protein Isolate, Less than 0.5% of: Vitamins & Minerals (Potassium Citrate, Calcium Phosphate, Magnesium Phosphate, Potassium Chloride, Potassium Phosphate, Calcium Carbonate, Ascorbic Acid, Choline Chloride, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, Zinc Sulfate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Vitamin A Palmitate, Riboflavin, Copper Sulfate, Folic Acid, Chromium Chloride, Potassium Iodide, Sodium Molybdate, Sodium Selenate, Biotin, Phylloquinone, Vitamin D3, Vitamin B12), Cellulose Gel, Whey Protein Concentrate, Natural & Artificial Flavor, Salt, Cellulose Gum, Carrageenan, Monoglycerides, Soy Lecithin, Potassium Hydroxide, Inositol, Taurine, L-Carnitine

Contains milk and soy ingredients.

PediaSure SideKicks® Shake

AVAILABLE AT RETAIL ONLY



Usage

All the nutrition of PediaSure® Grow & Gain, with 10 g protein and 25% fewer* calories, to help fill nutrition gaps.

Features

- With 10 g protein and 25% fewer* Calories than PediaSure® Grow & Gain.
- Helps fill the top 4 nutrient gaps—vitamin D, calcium, fiber, and potassium.
- Available in 3 kid-approved flavors: Chocolate, Vanilla and Strawberry.
- #1 pediatrician-recommended brand.
- Kosher, halal, gluten-free, suitable for lactose intolerance.

Precautions

- Consult your health care professional for use with children under 2 years of age.
- Not for children with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 8.0-fl oz (237.0-mL) Bottle; 24/case		
Vanilla	66912	.70074-0669-13
Chocolate	66639	.70074-0666-40
Strawberry	66916	.70074-0669-17

PEDIASURE SIDEKICKS® SHAKE

Technical Data		Nutrition Information					
Vanilla		Vanilla	8 fl oz	%DV*	Vanilla	8 fl oz	%DV*
Caloric Density, Cal/mL	0.76	Protein, g	10	20	Iodine, mcg	23	15
Protein, % Cal	22	Total Fat, g	6	8	Manganese, mg	0.46	20
Carbohydrate, % Cal	48	Saturated Fat, g	1	5	Copper, mg	0.14	15
Fat, % Cal	30	Polyunsaturated Fat, g	2.5		Zinc, mg	1.7	15
Omega-6:Omega-3 Ratio	5.1:1	Monounsaturated Fat, g	2.5		Iron, mg	2.7	15
Total Cal:g Nitrogen	114:1	Trans Fat, g	0		Selenium, mcg	8	15
Nonprotein Cal:g Nitrogen	89:1	Cholesterol, mg	10	3	Chromium, mcg	9 (12 Choc.)	25 (35 Choc.)
Osmolality, mOsm/kg H2O	415	Total Carbohydrate, g	23	8	Molybdenum, mcg	9	20
Potential Renal Solute Load, mOsm/L	358	Dietary Fiber, g	3	11			
		Total Sugars, g	12				
		Added Sugars, g	11	22			
		Calories	180				
		Vitamin A, mcg RAE	140	15			
		Vitamin D, mcg	6	30			
		Vitamin E, mg	3	20			
		Vitamin K, mcg	18	15			
		Vitamin C, mg	23	25			
		Folate, mcg DFE	60	15			
		Folic Acid, mcg	36				
		Vit B1 (Thiamin), mg	0.3	25			
		Vit B2 (Riboflavin), mg	0.33	25			
		Vitamin B6, mg	0.34	20			
		Vitamin B12, mcg	0.48	20			
		Niacin, mg NE	3.2	20			
		Choline, mg	80	15			
		Biotin, mcg	8	25			
		Pantothenic Acid, mg	1.3	25			
		Potassium, mg	470	10			
		Chloride, mg	230	10			
		Calcium, mg	330	25			
		Phosphorus, mg	250	20			
		Magnesium, mg	40	10			

* The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 Calories a day is used for general nutrition advice.

PediaSure SideKicks® Shake Ingredients

Vanilla
Water, Sugar, Milk Protein Concentrate, Corn Maltodextrin, Blend Of Vegetable Oils (Canola, Corn, Soy), Short-chain Fructooligosaccharides, Soy Protein Isolate; Less Than 0.5% Of: Vitamins And Minerals†, Nonfat Milk, Cellulose Gel, Natural and Artificial Flavor, Soy Lecithin, Cellulose Gum, Salt, Carrageenan, Inositol, Taurine, Stevia Leaf Extract, And L-carnitine

† Vitamins And Minerals: Potassium Citrate, Potassium Chloride, Magnesium Phosphate, Calcium Phosphate, Calcium Carbonate, Potassium Phosphate, Ascorbic Acid, Choline Chloride, Potassium Hydroxide, Ferrous Sulfate, DL-Alpha-Tocopheryl Acetate, Zinc Sulfate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Vitamin A Palmitate, Riboflavin, Copper Sulfate, Folic Acid, Chromium Chloride, Potassium Iodide, Sodium Molybdate, Sodium Selenate, Biotin, Phylloquinone, Vitamin D3, Vitamin B12

Contains milk and soy ingredients.

HCPCS Code B4158

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Perative®

Peptide-Based, Therapeutic
Nutrition for Metabolic Stress



Usage

PERATIVE is designed for metabolically stressed patients who can benefit from an enteral formula supplemented with arginine.

- For tube feeding.
- For supplemental or sole-source nutrition.
- Use under medical supervision.

Features

- Added arginine (8 g/L total arginine at 2.5% of total calories) for wound healing and immune support.
- Calorically dense (1.3 Cal/mL) for the elevated energy needs of metabolically stressed patients.
- 1.6 g of scFOS/8 fl oz. scFOS are prebiotic soluble fibers that stimulate the growth of beneficial bacteria in the colon.¹⁻³
- High in protein (66.7 g/L) for the elevated protein needs of metabolically stressed patients.
- Hydrolyzed, peptide-based protein for easier absorption. Well tolerated as a tube feeding.^{4,5}
- Kosher, halal, gluten-free, suitable for lactose intolerance.

Precautions

- Not for IV use.
- Not for people with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 33.8-fl oz (1.0-L) Ready to Hang Prefilled Container; 8/case		
Unflavored	62723	70074-0627-24
— 8.0-fl oz (237.0-mL) Recloseable Carton; 24/case		
Unflavored	64816	70074-0648-15

1 Bornet FR, et al. *Nutr Rev.* 2002;60(11):326-334.

2 Tokunaga T, et al. *Bifidus.* 1993;6(2):143-150.

3 Bouhnik Y, et al. *Nutr J.* 2007;6:42-48.

4 Brown RO, et al. *Pharmacotherapy.* 1994;14:314-320.

5 Henningfield MF, et al. *FASEB J.* 1993;7(3):A377.

Technical Data		Nutrition Information					
Unflavored		Unflavored	8 fl oz	1 L	Unflavored	8 fl oz	1 L
Caloric Density, Cal/mL	1.3	Protein, g	15.8	66.7	Calcium, mg	210	870
Protein, % Cal	20.5	Total Fat, g	8.8	37.3	Calcium, mEq	10.5	43.5
Carbohydrate, % Cal	54.5	Total Carbohydrate, g	42.8	180.3	Phosphorus, mg	210	870
Fat, % Cal	25	Dietary Fiber, g	1.6	6.5	Phosphorus, mmol	6.8	28.1
Omega-6:Omega-3 Ratio	4.8:1	scFOS, g	1.6	6.5	Magnesium, mg	83	350
MCT:LCT	40:60	Total Sugars, g	1.6	6.9	Magnesium, mEq	6.8	28.8
Total Cal:g Nitrogen	122:1	Added Sugars, g	1.6	6.9	Iodine, mcg	31	135
Nonprotein Cal:g Nitrogen	97:1	L-Carnitine, mg	31	135	Manganese, mg	1.1	4.4
Osmolality, mOsm/kg H ₂ O	460	Taurine, mg	31	135	Copper, mg	0.42	1.8
Renal Solute Load, mOsm/L	516	Water, mL	187	790	Zinc, mg	4.7	20
Recommended Tube Size for Gravity/Pump Feeding (Fr)	10/10	Calories	308	1300	Iron, mg	3.7	16
		Vitamin A, mcg RAE	617*	2603†	Selenium, mcg	15	61
		Vitamin D, mcg	2.1	8.8	Chromium, mcg	25	105
		Vitamin E, mg	4.2	18.2	Molybdenum, mcg	31	135
		Vitamin K, mcg	17	70	Arginine, g	1.9	8
		Vitamin C, mg	62	260			
		Folate, mcg DFE	208	867			
		Folic Acid, mcg	125	520			
		Vit B1 (Thiamin), mg	0.47	2			
		Vit B2 (Riboflavin), mg	0.53	2.3			
		Vitamin B6, mg	0.62	2.6			
		Vitamin B12, mcg	1.9	7.9			
		Niacin, mg NE	8.7	37			
		Choline, mg	105	435			
		Biotin, mcg	93	395			
		Pantothenic Acid, mg	3.1	14			
		Sodium, mg	245	1040			
		Sodium, mEq	10.7	45.2			
		Potassium, mg	410	1735			
		Potassium, mEq	10.5	44.5			
		Chloride, mg	390	1650			
		Chloride, mEq	11	46.6			

* 397 mcg RAE of vitamin A activity supplied by 998 mcg of beta-carotene.
 † 1670 mcg RAE of vitamin A activity supplied by 4219 mcg of beta-carotene.

Perative®

Ingredients

Unflavored

Water, Corn Maltodextrin, Hydrolyzed Sodium Caseinate, Whey Protein Hydrolysate, Canola Oil, Medium Chain Triglycerides, Short-chain Fructooligosaccharides, L-Arginine, Corn Oil, Less than 0.5% of: Magnesium Chloride, Potassium Citrate, Calcium Phosphate, Citric Acid, Soy Lecithin, Ascorbic Acid, Potassium Phosphate, Choline Chloride, Carrageenan, Potassium Chloride, Taurine, L-Carnitine, Zinc Sulfate, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Copper Sulfate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Beta-Carotene, Riboflavin, Vitamin A Palmitate, Folic Acid, Biotin, Chromium Chloride, Sodium Molybdate, Potassium Iodide, Sodium Selenate, Phylloquinone, Vitamin B12, Vitamin D3

Contains milk and soy ingredients.

HCPCS Code B4153

Pivot® 1.5 Cal

Peptide-Based, High Protein,
Therapeutic Nutrition
for Metabolic Stress



Usage

PIVOT 1.5 CAL is peptide-based complete, balanced therapeutic nutrition for short- or long-term tube feeding for metabolically stressed surgical, trauma, burn, or head and neck cancer patients who could benefit from an immune-modulating enteral formula.

- For tube feeding.
- For sole-source or supplemental nutrition.
- Use under medical supervision.

Features

- Provides very high protein (93.8 g/L, 25% of calories) to support protein synthesis, tissue repair and wound healing.^{1,2}
- Immune support:
 - Arginine (13 g/L, 3.5% of calories) to support proliferation and function of immune cells.²
 - Glutamine (inherent) (7.6 g/L) for GI-tract integrity and energy for immune cells.^{3,4}
 - Omega-3 fatty acids (EPA, 2.6 g/L; DHA, 1.1 g/L) to help modulate inflammation and support immune function.^{5,6}
- Tolerance:
 - Advanced blend of hydrolyzed protein, structured lipid, and prebiotics (scFOS) to promote absorption and tolerance.
 - Hydrolyzed, peptide-based protein system.

- MCT/fish oil structured lipid, a well-tolerated^{7,8} and absorbed⁸ next-generation fat to promote absorption of fatty acids.
- 1.8 g of scFOS/8 fl oz (7.5 g/L). scFOS are prebiotic soluble fibers that stimulate the growth of beneficial bacteria in the colon.⁹
- Elevated antioxidants vitamins C and E, selenium and beta carotene to help reduce tissue and cell damage due to oxidative stress.^{10,11}
- 1950 Calories (1300 mL) provides at least 100% of the RDIs for 25 essential vitamins and minerals.
- Halal, gluten-free, suitable for lactose intolerance.

Precautions

- Not for IV use.
- Not for people with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 33.8-fl oz (1.0-L) Ready to Hang Prefilled Container; 8/case		
Unflavored	62719	70074-0627-20
— 8.0-fl oz (237.0-mL) Recloseable Carton; 24/case		
Unflavored	65007	70074-0650-06

1 Demling RH. *Eplasty*. 2009;9:65-94.

2 Weitzel LR, et al. *Curr Opin Anaesthesiol*. 2009;22(2):177-183.

3 Rao RK, et al. *J Epithelial Biol Pharmacol*. 2012;5(Suppl 1-M7):47-54.

4 Cruzat V, et al. *Nutrients*. 2018;10(11):1564-1594.

5 Calder PC. *Prostaglandins Leukot Essent Fatty Acids*. 2008;79(3-5):101-108.

6 Calder PC. *Clin Nutr*. 2010;29(1):5-12.

7 Kenler AS, et al. *Ann Surg*. 1996;223(3):316-333.

8 McKenna MC, et al. *J Pediatr Gastroenterol Nutr*. 1985;4(1):45-51.

9 Robertfroid, M. et al. *British Journal of Nutrition* 2010;104:51-S63.

10 Institute of Medicine (US) Panel on Dietary Antioxidants and Related Compounds. *Dietary Reference Intakes for Vitamin C, Vitamin E, Selenium, and Carotenoids*. Washington (DC): National Academies Press (US);2000.

11 Sies H. *Redox Biol*. 2015;4:180-183.

Technical Data		Nutrition Information					
Unflavored		Unflavored			Unflavored		
		8 fl oz	1 L	8 fl oz	1 L	8 fl oz	1 L
Caloric Density, Cal/mL	1.5	Protein, g	22.2	93.8	Chloride, mEq	10.7	45.3
Protein, % Cal	25	Total Fat, g	12	51	Calcium, mg	240	1013
Carbohydrate, % Cal	45	Total Carbohydrate, g	40.9	172.4	Calcium, mEq	12	50.7
Fat, % Cal	30	Dietary Fiber, g	1.8	7.5	Phosphorus, mg	230	969
Omega-6:Omega-3 Ratio	1.7:1	scFOS, g	1.8	7.5	Phosphorus, mmol	7.42	31.3
MCT:LCT	20:80	Total Sugars, g	4	17	Magnesium, mg	100	421
Total Cal:g Nitrogen	90:1	Added Sugars, g	4	17	Magnesium, mEq	8.2	34.7
Nonprotein Cal:g Nitrogen	68:1	L-Carnitine, mg	36	150	Iodine, mcg	40	169
Osmolality, mOsm/kg H ₂ O	660	Taurine, mg	36	150	Manganese, mg	1.2	5.1
Renal Solute Load, mOsm/L	695	Water, mL	178	750	Copper, mg	0.52	2.19
Recommended Tube Size for Gravity/Pump Feeding (Fr)	10/10	Calories	355	1500	Zinc, mg	7.3	30.8
		Vitamin A, mcg RAE	427	1800 [†]	Iron, mg	5.6	23.6
		Beta-Carotene, mcg	700	3000	Selenium, mcg	19	78
		Vitamin D, mcg	6.6	27.8	Chromium, mcg	25	105
		Vitamin E, mg	6.4	27	Molybdenum, mcg	40	168
		Vitamin K, mcg	30	126	Arginine, g	3	13
		Vitamin C, mg	72	304	Glutamine, g	1.8	7.6
		Folate, mcg DFE	145	610			
		Folic Acid, mcg	87	366			
		Vit B1 (Thiamin), mg	0.47	1.98			
		Vit B2 (Riboflavin), mg	0.50	2.11			
		Vitamin B6, mg	0.55	2.32			
		Vitamin B12, mcg	1.2	5.1			
		Niacin, mg NE	6.0	25.3			
		Choline, mg	180	760			
		Biotin, mcg	7.1	30			
		Pantothenic Acid, mg	2.1	8.9			
		Sodium, mg	350	1475			
		Sodium, mEq	15.2	64.1			
		Potassium, mg	470	1983			
		Potassium, mEq	12.1	50.8			
		Chloride, mg	380	1603			

* 283 mcg RAE of vitamin A activity supplied by 0.70 mg of beta-carotene.

† 1195 mcg RAE of vitamin A activity supplied by 3 mg of beta-carotene.

Pivot® 1.5 Cal
Ingredients
Unflavored

Water, Corn Syrup Solids, Hydrolyzed Sodium Caseinate, Whey Protein Hydrolysate, Structured Lipid (Interesterified Marine Oil [Contains One or More of the Following: Anchovy, Cod, Menhaden, Pollock, Salmon, Sardine, Tuna] and Medium Chain Triglycerides), Soy Oil, Canola Oil, L-Arginine, Short-chain Fructooligosaccharides, Less than 0.5% of: Potassium Citrate, Citric Acid, Calcium Phosphate, Magnesium Chloride, Soy Lecithin, Magnesium Phosphate, Choline Chloride, Natural & Artificial Flavor, Ascorbic Acid, Cellulose Gel, Potassium Chloride, Carrageenan, Potassium Hydroxide, Taurine, L-Carnitine, Cellulose Gum, Zinc Sulfate, Ferrus Sulfate, d-Alpha-Tocopheryl Acetate, Niacinamide, Manganese Sulfate, Calcium Pantothenate, Copper Sulfate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Beta-Carotene, Vitamin A Palmitate, Chromium Chloride, Folic Acid, Sodium Molybdate, Sodium Selenate, Potassium Iodide, Phylloquinone, Biotin, Vitamin D3, Vitamin B12

Contains milk and soy ingredients.

HCPCS Code B4153

www.AbbottNutrition.com 135

Promote®

Complete, Balanced High-Protein Nutrition



Usage

PROMOTE is a complete, balanced, high-protein formula for patients who need a higher proportion of calories from protein.

- For tube or oral feeding.
- For supplemental or sole-source nutrition.
- Use under medical supervision.

Features

- High in protein (25% of Cal, 15 g/8 fl oz). Protein is needed for lean body tissue maintenance and repair.
- 1500 Calories (1500 mL) provide at least 100% of the RDIs for 26 essential vitamins and minerals.
- Fat blend has safflower, MCTs, and soy oils.
- 1.0 Cal/mL.
- Kosher, halal, gluten-free, suitable for lactose intolerance.

Precautions

- Not for IV use.
- Not for people with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 33.8-fl oz (1.0-L) Ready to Hang Prefilled Container; 8/case		
Vanilla	62701	70074-0627-02
— 8.0-fl oz (237.0-mL) Recloseable Carton; 24/case		
Vanilla	64834	70074-0648-33

Technical Data		Nutrition Information					
Vanilla		Vanilla	8 fl oz	1 L	Vanilla	8 fl oz	1 L
Caloric Density, Cal/mL	1.0	Protein, g	15	63	Calcium, mEq	10.3	43.3
Protein, % Cal	25	Total Fat, g	6	26	Phosphorus, mg	198	833
Carbohydrate, % Cal	52	Total Carbohydrate, g	31	130	Phosphorus, mmol	6	26.9
Fat, % Cal	23	Dietary Fiber, g	0	0	Magnesium, mg	66	280
Omega-6:Omega-3 Ratio	9.8:1	Total Sugars, g	5	20	Magnesium, mEq	5.4	23.1
MCT:LCT	19:81	Added Sugars, g	5	20	Iodine, mcg	24	100
Total Cal:g Nitrogen	100:1	L-Carnitine, mg	36	150	Manganese, mg	0.7	2.9
Nonprotein Cal:g Nitrogen	75:1	Taurine, mg	36	150	Copper, mg	0.4	1.5
Osmolality, mOsm/kg H ₂ O	405	Water, mL	198	839	Zinc, mg	2.2	9
Renal Solute Load, mOsm/L	508	Calories	237	1000	Iron, mg	2.8	12
Recommended Tube Size for Gravity/Pump Feeding (Fr)	10/10	Vitamin A, mcg RAE	170 [†]	720 [†]	Selenium, mcg	11	48
		Vitamin D, mcg	4	17	Chromium, mcg	11	48
		Vitamin E, mg	6	25	Molybdenum, mcg	19	82
		Vitamin K, mcg	21.3	90			
		Vitamin C, mg	36	150			
		Folate, mcg DFE	63	267			
		Folic Acid, mcg	38	160			
		Vit B1 (Thiamin), mg	0.24	1.0			
		Vit B2 (Riboflavin), mg	0.32	1.3			
		Vitamin B6, mg	0.33	1.4			
		Vitamin B12, mcg	0.38	1.6			
		Niacin, mg NE	3	14			
		Choline, mg	87	367			
		Biotin, mcg	4.7	20			
		Pantothenic Acid, mg	0.79	3			
		Sodium, mg	221	933			
		Sodium, mEq	9.6	40.6			
		Potassium, mg	632	2667			
		Potassium, mEq	16.2	68.4			
		Chloride, mg	363	1533			
		Chloride, mEq	10.3	43.3			
		Calcium, mg	205	867			

* 80 mcg RAE of vitamin A activity supplied by 213 mcg beta-carotene.

† 360 mcg RAE of vitamin A activity supplied by 900 mcg beta-carotene.

Promote®

Ingredients

Vanilla

Water, Corn Maltodextrin, Sodium Caseinate, Soy Protein Isolate, Soy Oil, Sugar, Less than 0.5% of: Medium Chain Triglycerides, Safflower Oil, Natural & Artificial Flavor, Calcium Citrate, Potassium Chloride, Magnesium Phosphate, Potassium Citrate, Calcium Phosphate, Cellulose Gum, Soy Lecithin, Choline Chloride, Ascorbic Acid, Carrageenan, Taurine, L-Carnitine, dl-Alpha-Tocopheryl Acetate, Ferrous Sulfate, Zinc Sulfate, Manganese Sulfate, Niacinamide, Calcium Pantothenate, Copper Sulfate, Riboflavin, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Vitamin A Palmitate, Beta-Carotene, Chromium Chloride, Folic Acid, Potassium Iodide, Sodium Molybdate, Sodium Selenate, Phylloquinone, Biotin, Vitamin D3, Vitamin B12

Contains milk and soy ingredients.

HCPCS Code B4150

Promote[®] with Fiber

Complete, Balanced High
Protein Nutrition with Fiber



Usage

PROMOTE WITH FIBER is a complete, balanced, high-protein, and fiber-fortified formula for patients who need a higher proportion of calories from protein.

- For tube or oral feeding.
- For supplemental or sole-source nutrition.
- Use under medical supervision.

Features

- High in protein (25% of Cal, 15 g/8 fl oz). Protein is needed for lean body mass maintenance and repair.
- Fiber blend contains oat fiber and soy fiber to provide a product with a good source of dietary fiber (3.4 g/8 fl oz) to help moderate bowel function.
- 1500 Calories (1500 mL) provide at least 100% of the RDIs for 25 essential vitamins and minerals.
- Fat blend has safflower, MCTs, and soy oils.
- 1.0 Cal/mL.
- Kosher, halal, gluten-free, suitable for lactose intolerance.

Precautions

- Not for IV use.
- Not for people with galactosemia.

Availability

Flavor _____ List No. _____ NDC Format Code _____

— **33.8-fl oz (1.0-L) Ready to Hang Prefilled Container; 8/case**

Vanilla 62703 70074-0627-04

— **8.0-fl oz (237.0-mL) Recloseable Carton; 24/case**

Vanilla 64631 70074-0646-29

Technical Data		Nutrition Information					
Vanilla		Vanilla	8 fl oz	1 L	Vanilla	8 fl oz	1 L
Caloric Density, Cal/mL	1.0	Protein, g	15	63	Calcium, mg	205	867
Protein, % Cal	25	Total Fat, g	7	28	Calcium, mEq	10.27	43.33
Carbohydrate, % Cal	50	Total Carbohydrate, g	33	138	Phosphorus, mg	221	933
Fat, % Cal	25	Dietary Fiber, g	3.4*	14.4†	Phosphorus, mmol	7.14	30.11
Omega-6:Omega-3 Ratio	9.8:1	Total Sugars, g	5	21	Magnesium, mg	66	280
MCT:LCT	19:81	Added Sugars, g	5	21	Magnesium, mEq	5.46	23.05
Total Cal:g Nitrogen	100:1	L-Carnitine, mg	36	150	Iodine, mcg	28	119
Nonprotein Cal:g Nitrogen	75:1	Taurine, mg	36	150	Manganese, mg	0.7	2.9
Osmolality, mOsm/kg H2O	410	Water, mL	197	831	Copper, mg	0.4	1.7
Renal Solute Load, mOsm/L	494	Calories	237	1000	Zinc, mg	2	9
Recommended Tube Size for Gravity/Pump Feeding (Fr)	12/10	Vitamin A, mcg RAE	170‡	720§	Iron, mg	3	12
		Beta-Carotene, mcg	213	900	Selenium, mcg	11	48
		Vitamin D, mcg	4	16.7	Chromium, mcg	11	48
		Vitamin E, mg	6	25.3	Molybdenum, mcg	19	82
		Vitamin K, mcg	21.3	90			
		Vitamin C, mg	36	150			
		Folate, mcg DFE	63	267			
		Folic Acid, mcg	38	160			
		Vit B1 (Thiamin), mg	0.2	1.0			
		Vit B2 (Riboflavin), mg	0.3	1.3			
		Vitamin B6, mg	0.33	1.4			
		Vitamin B12, mcg	0.38	1.6			
		Niacin, mg NE	3	14			
		Choline, mg	87	367			
		Biotin, mcg	5	20			
		Pantothenic Acid, mg	0.79	3			
		Sodium, mg	235	991			
		Sodium, mEq	10.21	43.07			
		Potassium, mg	521	2200			
		Potassium, mEq	13.37	56.41			
		Chloride, mg	310	1310			
		Chloride, mEq	8.77	37.01			

* 3.4 g total dietary fiber from soy and oat fiber.

† 14.4 g of total dietary fiber from soy and oat fiber.

‡ 80 mcg RAE of vitamin A activity supplied by 213 mcg beta-carotene.

§ 360 mcg RAE of vitamin A activity supplied by 900 mcg beta-carotene.

Promote® with Fiber

Ingredients

Vanilla

Water, Corn Maltodextrin, Sodium Caseinate, Soy Protein Isolate, Sugar, Soy Oil, Oat Fiber, Calcium Caseinate, Less than 0.5% of: Medium Chain Triglycerides, Safflower Oil, Soy Fiber, Natural & Artificial Flavor, Potassium Citrate, Calcium Phosphate, Magnesium Phosphate, Potassium Chloride, Soy Lecithin, Sodium Citrate, Choline Chloride, Ascorbic Acid, Taurine, L-Carnitine, Gellan Gum, dl-Alpha-Tocopheryl Acetate, Ferrous Sulfate, Zinc Sulfate, Manganese Sulfate, Niacinamide, Calcium Pantothenate, Copper Sulfate, Riboflavin, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Vitamin A Palmitate, Beta-Carotene, Chromium Chloride, Folic Acid, Potassium Iodide, Sodium Molybdate, Sodium Selenate, Phylloquinone, Biotin, Vitamin D3, Vitamin B12

Contains milk and soy ingredients.

HCPSC Code B4150

Pulmocare®

Therapeutic Nutrition for
People With COPD



Usage

PULMOCARE is designed for people with chronic obstructive pulmonary disease (COPD), cystic fibrosis, or respiratory failure who may benefit from a high-calorie, modified carbohydrate and fat enteral formula that may help reduce diet-induced carbon dioxide production.¹⁻⁴

- For tube or oral feeding.
- For supplemental or sole-source nutrition.
- Use under medical supervision.

Features

- Provides complete and balanced nutrition.
- 20% of fat as MCTs to enhance fat absorption.
- Elevated antioxidants vitamins C & E, and beta-carotene.
- Kosher, halal, gluten-free, suitable for lactose intolerance.

Precautions

- Not for IV use.
- Not for people with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 33.8-fl oz (1.0-L) Ready to Hang Prefilled Container; 8/case		
Vanilla	62725	70074-0627-26
— 8.0-fl oz (237.0-mL) Recloseable Carton; 24/case		
Vanilla	64811	70074-0648-10

1 Angelillo VA, et al. *Ann Intern Med.* 1985;103:883-885.

2 Goldstein SA, et al. *Clin Chest Med.* 1986;7(1):141-151.

3 Cai B, et al. *Nutrition.* 2003;19(3):229-32.

4 Sklarek H, et al. *Am Rev Respir Dis.* 1987;135-A359.

Technical Data		Nutrition Information					
Vanilla		Vanilla	8 fl oz	1 L	Vanilla	8 fl oz	1 L
Caloric Density, Cal/mL	1.5	Protein, g	14.8	62.6	Calcium, mEq	15.5	65.5
Protein, % Cal	16.7	Total Fat, g	22.1	93.3	Phosphorus, mg	300	1260
Carbohydrate, % Cal	28.2	Total Carbohydrate, g	25	105.7	Phosphorus, mmol	9.7	40.8
Fat, % Cal	55.1	Total Sugars, g	14	54	Magnesium, mg	100	420
Omega-6:Omega-3 Ratio	4:1	Added Sugars, g	14	54	Magnesium, mEq	8.2	34.6
MCT:LCT	20:80	L-Carnitine, mg	38	160	Iodine, mcg	36	152
Total Cal:g Nitrogen	150:1	Taurine, mg	38	160	Manganese, mg	0.55	2.32
Nonprotein Cal:g Nitrogen	125:1	Water, mL	186	785	Copper, mg	0.33	1.39
Osmolality, mOsm/kg H ₂ O	545	Calories	355	1500	Zinc, mg	2.6	11
Renal Solute Load, mOsm/L	547	Vitamin A, mcg RAE	220†	930†	Iron, mg	4.3	18.1
Recommended Tube Size for Gravity/Pump Feeding (Fr)	10/10	Beta-Carotene, mg	0.2	0.8	Selenium, mcg	13	55
		Vitamin D, mcg	4.8	20.3	Chromium, mcg	15	63
		Vitamin E, mg	6.4	27	Molybdenum, mcg	17	72
		Vitamin K, mcg	29	122			
		Vitamin C, mg	76	321			
		Folate, mcg DFE	95	400			
		Folic Acid, mcg	57	241			
		Vit B1 (Thiamin), mg	0.43	1.81			
		Vit B2 (Riboflavin), mg	0.45	1.9			
		Vitamin B6, mg	0.52	2.19			
		Vitamin B12, mcg	0.57	2.41			
		Niacin, mg NE	3.8	16			
		Choline, mg	130	550			
		Biotin, mcg	8.3	35			
		Pantothenic Acid, mg	2.4	10.1			
		Sodium, mg	360	1520			
		Sodium, mEq	15.6	66.1			
		Potassium, mg	550	2320			
		Potassium, mEq	14.1	59.5			
		Chloride, mg	550	2320			
		Chloride, mEq	15.5	65.5			
		Calcium, mg	310	1310			

* 80 mcg RAE of vitamin A activity supplied by 0.2 mg beta-carotene.

† 320 mcg RAE of vitamin A activity supplied by 0.8 mg beta-carotene.

Pulmocare®

Ingredients

Vanilla

Water, Sodium Caseinate, Sugar, Canola Oil, Corn Maltodextrin, Medium Chain Triglycerides, Corn Oil, Calcium Caseinate, High Oleic Safflower Oil, Less than 0.5% of: Natural & Artificial Flavor, Calcium Phosphate, Magnesium Phosphate, Soy Lecithin, Potassium Citrate, Potassium Chloride, Sodium Citrate, Salt, Choline Chloride, Ascorbic Acid, L-Carnitine, Taurine, Gellan Gum, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, Zinc Sulfate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Copper Sulfate, Pyridoxine Hydrochloride, Thiamine Hydrochloride, Riboflavin, Vitamin A Palmitate, Beta-Carotene, Folic Acid, Chromium Chloride, Sodium Molybdate, Potassium Iodide, Sodium Selenate, Phylloquinone, Biotin, Vitamin D3, Vitamin B12

Contains milk and soy ingredients.

HCPCS Code B4154

Suplena® with CARBSTEADY®

Therapeutic Nutrition for
People with Chronic Kidney
Disease Not on Dialysis



Usage

SUPLENA WITH CARBSTEADY is therapeutic nutrition specifically designed for nondialyzed people with chronic kidney disease and on a protein-restricted diet.

- For tube or oral feeding.
- For supplemental or sole-source nutrition.
- Use under medical supervision.

Features

- Has CARBSTEADY®, a carbohydrate blend designed to help minimize blood sugar response.
- High in calories – 1.8 Cal/mL.
- Low in protein – 10% of total calories.
- Low in phosphorus and potassium.
- A good source of fiber, including prebiotics.
- Therapeutic nutrition that can help maintain nutritional status while adhering to renal diets for nondialyzed people with chronic kidney disease.
- Kosher, halal, gluten-free, suitable for lactose intolerance.

Precautions

- Not for IV use.
- Not for people with galactosemia.

Availability

Flavor _____ List No. _____ NDC Format Code _____

— 8.0-fl oz (237.0-mL) Recloseable Carton; 24/case

Homemade Vanilla 64794 70074-0647-93

Technical Data		Nutrition Information	
Homemade Vanilla		Homemade Vanilla	8 fl oz
Caloric Density, Cal/mL	1.8	Protein, g	10.6
Protein, % Cal	10	Total Fat, g	23
Carbohydrate, % Cal	41	Saturated Fat, g	2
Fat, % Cal	49	Polyunsaturated Fat, g	4.1
Omega-6:Omega-3 Ratio	6.2:1	Monounsaturated Fat, g	16
MCT:LCT	0	Trans Fat, g	0
Total Cal:g Nitrogen	253:1	Cholesterol, mg	5.8
Nonprotein Cal:g Nitrogen	227:1	Total Carbohydrate, g	46
Osmolality, mOsm/kg H ₂ O	780	Dietary Fiber, g	6.0
Renal Solute Load, mOsm/L	342	scFOS, g	2
Recommended Tube Size for Gravity/Pump Feeding (Fr)	10/10	Total Sugars, g	14.8
		Added Sugars, g	14.7
		L-Carnitine, mg	63
		Taurine, mg	38
		Water, mL	172
		Calories	420
		Vitamin A, mcg RAE	225
		Vitamin D, mcg	5.0
		Vitamin E, mg	6.8
		Vitamin K, mcg	19
		Vitamin C, mg	23
		Folate, mcg DFE	300
		Folic Acid, mcg	180
		Vit B1 (Thiamin), mg	0.60
		Vit B2 (Riboflavin), mg	0.50
		Vitamin B6, mg	2.21
		Vitamin B12, mcg	1.20
		Niacin, mg NE	8
		Choline, mg	140
		Biotin, mcg	15.0
		Pantothenic Acid, mg	2.25
		Sodium, mg	190

Suplea® with CARBSTEADY®

Ingredients

Homemade Vanilla

Water, Corn Maltodextrin, High Oleic Safflower Oil, Milk Protein Concentrate, Isomaltulose, Sugar, Canola Oil, Less than 2% of: Soluble Corn Fiber, Sodium Caseinate, Short-chain Fructooligosaccharides, Glycerin, Soy Lecithin, Natural & Artificial Flavor, Potassium Citrate, Sodium Citrate, Magnesium Chloride, Choline Chloride, Magnesium Phosphate, Calcium Carbonate, Ascorbic Acid, L-Carnitine, Calcium Phosphate, Carrageenan, Salt, Potassium Chloride, Taurine, Niacinamide, Ferrous Sulfate, Zinc Sulfate, d-Alpha-Tocopheryl Acetate, Pyridoxine Hydrochloride, Calcium Pantothenate, Manganese Sulfate, Copper Sulfate, Thiamine Hydrochloride, Riboflavin, Vitamin A Palmitate, Folic Acid, Potassium Iodide, Chromium Chloride, Sodium Selenate, Sodium Molybdate, Biotin, Phylloquinone, Vitamin D3, Vitamin B12

Contains milk and soy ingredients.

HCPCS Code B4154

TwoCal® HN

Calorie and Protein
Dense Nutrition



Usage

TWO CAL HN is calorie- and protein-dense nutrition to support patients with volume intolerance and/or fluid restriction.

- Often provided in 2 fl oz amounts QID with Med Pass programs to assist with weight gain or maintenance.
- For tube or oral feeding.
- For supplemental or sole-source nutrition.
- Use under medical supervision.

Features

- 2.0 Cal/mL to help patients gain and maintain healthy weight.
- Protein to help support lean body mass and wound healing.
- 1.2 g of scFOS/8 fl oz (5 g/L). scFOS are prebiotics that stimulate the growth of beneficial bacteria in the colon.¹⁻³
- 1900 Calories (948 mL) provides at least 100% of RDIs for 25 essential vitamins and minerals.
- Kosher, halal, gluten-free, suitable for lactose intolerance.

Precautions

- Not for IV use.
- Not for people with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 33.8-fl oz (1.0-L) Ready to Hang Prefilled Container; 8/case		
Unflavored	68048	70074-0680-62
— 8.0-fl oz (237.0-mL) Recloseable Carton; 24/case		
Vanilla	64809	70074-0648-07

1 Bornet FR, et al. *Nutr Rev.* 2002;60(11):326-334.

2 Tokunaga T, et al. *Bifidus.* 1993;6(2):143-150.

3 Bouhnik Y, et al. *Nutr J.* 2007;6:42-48.

Technical Data		Nutrition Information		
Vanilla		Vanilla	8 fl oz	1 L
Caloric Density, Cal/mL	2.0	Protein, g	19.9	83.5
Protein, % Cal	16.7	Total Fat, g	21.5	90.5
Carbohydrate, % Cal	43.2	Total Carbohydrate, g	51.8	218.6
Fat, % Cal	40.1	Dietary Fiber, g	1.2	5
Omega-6:Omega-3 Ratio	4:1:1	scFOS, g	1.2	5
MCT:LCT	0	Total Sugars, g	11	45
Total Cal:g Nitrogen	153:1	Added Sugars, g	10	43
Nonprotein Cal:g Nitrogen	127:1	L-Carnitine, mg	50	200
Osmolality, mOsm/kg H ₂ O	710	Taurine, mg	50	200
Renal Solute Load, mOsm/L	597	Water, mL	166	700
Recommended Tube Size for Gravity/Pump Feeding (Fr)	10/10	Calories	475	2000
		Vitamin A, mcg RAE	375	1582
		Vitamin D, mcg	5.8	24
		Vitamin E, mg	8	34
		Vitamin K, mcg	40	169
		Vitamin C, mg	75	316
		Folate, mcg DFE	272	1147
		Folic Acid, mcg	163	688
		Vit B1 (Thiamin), mg	0.60	2.5
		Vit B2 (Riboflavin), mg	0.65	2.7
		Vitamin B6, mg	0.85	3.6
		Vitamin B12, mcg	2.4	10
		Niacin, mg NE	8	34
		Choline, mg	200	844
		Biotin, mcg	20	84
		Pantothenic Acid, mg	4	17
		Sodium, mg	200	844
		Sodium, mEq	8.7	36.7
		Potassium, mg	500	2110
		Potassium, mEq	12.8	54.1
		Chloride, mg	230	970
		Chloride, mEq	6.5	27.4

TwoCal® HN

Ingredients

Vanilla

Water, Corn Syrup Solids, Corn Maltodextrin, Canola Oil, Milk Protein Concentrate, Sodium Caseinate, Sugar, Corn Oil, Calcium Caseinate, Short-chain Fructooligosaccharides, Less than 0.5% of: Natural & Artificial Flavor, Potassium Citrate, Magnesium Sulfate, Soy Lecithin, Potassium Phosphate, Magnesium Chloride, Ascorbic Acid, Choline Chloride, Sodium Citrate, Potassium Hydroxide, Taurine, L-Carnitine, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, Zinc Sulfate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Copper Sulfate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Vitamin A Palmitate, Folic Acid, Potassium Iodide, Chromium Chloride, Sodium Selenate, Sodium Molybdate, Phylloquinone, Biotin, Vitamin D3, Vitamin B12

Contains milk and soy ingredients.

HCPCS Code B4152

Vital® 1.0 Cal

Peptide-Based, Therapeutic
Nutrition for Tolerance



Usage

VITAL 1.0 CAL is peptide-based therapeutic nutrition that provides complete, balanced nutrition for long- or short-term patients who require tube feeding and are experiencing malabsorption, maldigestion, or impaired GI function and/or GI intolerance.

- For tube or oral feeding.
- For supplemental or sole-source nutrition.
- Use under medical supervision.

Features

- Designed to promote tolerance:
 - Advanced blend of hydrolyzed protein, structured lipid, and prebiotics (scFOS) to support absorption and tolerance.
 - Contains MCT/canola oil structured lipid. Structured lipids are well-tolerated^{1,2} and absorbed¹ next-generation fats to promote absorption of fatty acids.³
 - 1 g of scFOS/8 fl oz (4.2 g/L). scFOS are prebiotic fibers that stimulate the growth of beneficial bacteria in the colon.^{1,4,5}
- 1500 Calories (1500 mL) provides at least 100% of the RDIs for 25 essential vitamins and minerals.

- Contains elevated levels of the antioxidants vitamins C and E and selenium to help reduce free radical damage.^{2,6}
- Gluten-free, suitable for lactose intolerance.

Precautions

- Not for IV use.
- Not for people with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 33.8-fl oz (1.0-L) Ready to Hang Prefilled Container; 8/case		
Ready to Hang	62711	70074-0627-12
— 8.0-fl oz (237.0-mL) Recloseable Carton; 24/case		
Vanilla	64832	70074-0648-29

1 Bounhik Y, et al. *Nutr J*. 2007;6:42-48.

2 Institute of Medicine (US) Panel on Dietary Antioxidants and Related Compounds. Dietary Reference Intakes for Vitamin C, Vitamin E, Selenium, and Carotenoids. Washington (DC): National Academies Press (US);2000.

3 Kenler AS, et al. *Ann Surg*. 1996;223(3):316-333.

4 Bornet FR, et al. *Nutr Rev*. 2002;60(11):326-334.

5 Tokunaga T, et al. *Bifidus*. 1993;6(2):143-150.

6 Sies H. *Redox Biol*. 2015;4:180-183.

Technical Data		Nutrition Information					
Vanilla		Vanilla	8 fl oz	1 L	Vanilla	8 fl oz	1 L
Caloric Density, Cal/mL	1.0	Protein, g	9.5	40	Calcium, mg	205	867
Protein, % Cal	16	Total Fat, g	9	38.1	Calcium, mEq	10.3	43.4
Carbohydrate, % Cal	51	Total Carbohydrate, g	30.7	130	Phosphorus, mg	198	833
Fat, % Cal	33	Dietary Fiber, g	1	4.2	Phosphorus, mmol	6.4	26.85
Omega-6:Omega-3 Ratio	2.1:1	scFOS, g	1	4.2	Magnesium, mg	66	280
MCT:LCT	47.5:52.5	Total Sugars, g	6	25	Magnesium, mEq	5.4	23
Total Cal:g Nitrogen	156:1	Added Sugars, g	6	25	Iodine, mcg	25	105
Nonprotein Cal:g Nitrogen	131:1	L-Carnitine, mg	25	105	Manganese, mg	0.68	2.9
Osmolality, mOsm/kg H ₂ O	411	Taurine, mg	25	105	Copper, mg	0.33	1.4
Renal Solute Load, mOsm/L	335	Water, mL	198	834	Zinc, mg	4.0	17
Recommended Tube Size for Gravity/Pump Feeding (Fr)	10/10	Calories	237	1000	Iron, mg	3.0	13
		Vitamin A, mcg RAE	330	1393	Selenium, mcg	11	47
		Vitamin D, mcg	4.3	18	Chromium, mcg	13	55
		Vitamin E, mg	4.3	18	Molybdenum, mcg	24	101
		Vitamin K, mcg	20	84			
		Vitamin C, mg	71	300			
		Folate, mcg DFE	150	633			
		Folic Acid, mcg	90	380			
		Vit B1 (Thiamin), mg	0.54	2.3			
		Vit B2 (Riboflavin), mg	0.59	2.5			
		Vitamin B6, mg	0.88	3.7			
		Vitamin B12, mcg	1.9	8			
		Niacin, mg NE	4.2	18			
		Choline, mg	120	506			
		Biotin, mcg	9.0	38			
		Pantothenic Acid, mg	2.0	8.4			
		Sodium, mg	204	861			
		Sodium, mEq	8.9	37.4			
		Potassium, mg	350	1477			
		Potassium, mEq	9	37.9			
		Chloride, mg	250	1056			
		Chloride, mEq	7.1	29.8			

Vital® 1.0 Cal
Ingredients
Vanilla

Water, Corn Maltodextrin, Whey Protein Hydrolysate, Structured Lipid (Interesterified Canola Oil & Medium Chain Triglycerides), Sugar, Hydrolyzed Sodium Caseinate, Less than 1% of: Canola Oil, Medium Chain Triglycerides, Short-chain Fructooligosaccharides, Natural & Artificial Flavor, Potassium Citrate, DATEM, Magnesium Phosphate, Cellulose Gel, Calcium Phosphate, Sodium Phosphate, Potassium Chloride, Calcium Carbonate, Choline Chloride, Ascorbic Acid, Carrageenan, Cellulose Gum, Magnesium Chloride, L-Carnitine, Taurine, Sucralose, Zinc Sulfate, Ferrous Sulfate, d-Alpha-Tocopheryl Acetate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Copper Sulfate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Vitamin A Palmitate, Folic Acid, Chromium Chloride, Sodium Molybdate, Potassium Iodide, Sodium Selenate, Phylloquinone, Biotin, Vitamin D3, Vitamin B12

Contains milk ingredients.
HCPCS Code B4153

Vital® 1.5 Cal

Peptide-Based, Therapeutic
Nutrition for Tolerance



Usage

VITAL 1.5 CAL is peptide-based therapeutic nutrition that provides complete, balanced nutrition for long- or short-term patients who require tube feeding and are experiencing malabsorption, maldigestion, or impaired GI function and/or GI intolerance.

- For tube or oral feeding.
- For supplemental or sole-source nutrition.
- Use under medical supervision.

Features

- Designed to promote tolerance:
 - Advanced blend of hydrolyzed protein, structured lipid, and prebiotics (scFOS) to support absorption and tolerance.
 - Hydrolyzed, peptide-based protein system.
 - MCT/canola oil structured lipid, a next-generation fat to promote absorption of fatty acids.
 - 1.4 g of scFOS/8 fl oz (6 g/L). scFOS are prebiotic fibers that stimulate the growth of beneficial bacteria in the colon.¹⁻³
- 1.5 Cal/mL—concentrated calories for fluid-restricted patients.
- Contains elevated levels of the antioxidants vitamins C and E and selenium to help reduce free radical damage.^{4,5}

- 1500 Calories (1000 mL) provide at least 100% of the RDIs for 25 essential vitamins and minerals.
- Gluten-free, suitable for lactose intolerance.

Precautions

- Not for IV use.
- Not for people with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 33.8-fl oz (1.0-L) Ready to Hang Prefilled Container; 8/case		
Ready to Hang	62713	70074-0627-14
— 8.0-fl oz (237.0-mL) Recloseable Carton; 24/case		
Vanilla	64825	70074-0648-24

1 Bornet FR, et al. *Nutr Rev*. 2002;60(11):326-334.

2 Tokunaga T, et al. *Bifidus*. 1993;6(2):143-150.

3 Bouhnik Y, et al. *Nutr J*. 2007;6:42-48.

4 Institute of Medicine (US) Panel on Dietary Antioxidants and Related Compounds. *Dietary Reference Intakes for Vitamin C, Vitamin E, Selenium, and Carotenoids*. Washington (DC): National Academies Press (US);2000.

5 Sies H. *Redox Biol*. 2015;4:180-183.

Technical Data		Nutrition Information					
Vanilla		Vanilla	8 fl oz	1 L	Vanilla	8 fl oz	1 L
Caloric Density, Cal/mL	1.5	Protein, g	16	67.5	Calcium, mg	308	1300
Protein, % Cal	18	Total Fat, g	13.5	57.1	Calcium, mEq	15.4	65
Carbohydrate, % Cal	49	Total Carbohydrate, g	44.2	187	Phosphorus, mg	297	1251
Fat, % Cal	33	Dietary Fiber, g	1.4	6	Phosphorus, mmol	9.6	40.35
Omega-6:Omega-3 Ratio	2.1:1	scFOS, g	1.4	6	Magnesium, mg	100	422
MCT:LCT	47.5:52.5	Total Sugars, g	8.2	34.6	Magnesium, mEq	8.2	34.7
Total Cal:g Nitrogen	139:1	Added Sugars, g	8.2	34.6	Iodine, mcg	36	152
Nonprotein Cal:g Nitrogen	114:1	L-Carnitine, mg	35	150	Manganese, mg	1.2	5.1
Osmolality, mOsm/kg H ₂ O	671	Taurine, mg	35	150	Copper, mg	0.52	2.2
Renal Solute Load, mOsm/L	533	Water, mL	181	764	Zinc, mg	7.2	30.4
Recommended Tube Size for Gravity/Pump Feeding (Fr)	10/10	Calories	355	1500	Iron, mg	4.4	18.5
		Vitamin A, mcg RAE	433	1827	Selenium, mcg	19	80
		Vitamin D, mcg	5	21.1	Chromium, mcg	24	101
		Vitamin E, mg	5.2	21.9	Molybdenum, mcg	43	181
		Vitamin K, mcg	35	148			
		Vitamin C, mg	40	169			
		Folate, mcg DFE	154	650			
		Folic Acid, mcg	92	390			
		Vit B1 (Thiamin), mg	0.7	3			
		Vit B2 (Riboflavin), mg	0.5	2.1			
		Vitamin B6, mg	0.9	3.8			
		Vitamin B12, mcg	2	8.4			
		Niacin, mg NE	7.9	33.3			
		Choline, mg	184	776			
		Biotin, mcg	8.9	37.6			
		Pantothenic Acid, mg	2.1	8.9			
		Sodium, mg	270	1139			
		Sodium, mEq	11.7	49.5			
		Potassium, mg	520	2194			
		Potassium, mEq	13.3	56.3			
		Chloride, mg	355	1498			
		Chloride, mEq	10	42.3			

Vital® 1.5 Cal

Ingredients

Vanilla

Water, Corn Maltodextrin, Whey Protein Hydrolysate, Structured Lipid (Interesterified Canola Oil & Medium Chain Triglycerides), Sugar, Hydrolyzed Sodium Caseinate, Less than 1% of: Canola Oil, Medium Chain Triglycerides, Short-chain Fructooligosaccharides, Magnesium Phosphate, Natural & Artificial Flavor, Potassium Citrate, DATEM, Calcium Phosphate, Cellulose Gel, Potassium Chloride, Calcium Carbonate, Choline Chloride, Sodium Phosphate, Ascorbic Acid, Potassium Hydroxide, Sucralose, Cellulose Gum, Carrageenan, Magnesium Chloride, L-Carnitine, Taurine, Zinc Sulfate, Ferrous Sulfate, d-Alpha-Tocopheryl Acetate, Niacinamide, Manganese Sulfate, Calcium Pantothenate, Copper Sulfate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Vitamin A Palmitate, Riboflavin, Chromium Chloride, Folic Acid, Sodium Molybdate, Sodium Selenate, Potassium Iodide, Phylloquinone, Biotin, Vitamin D3, Vitamin B12

Contains milk ingredients.

HCPCS Code B4153

Vital® AF 1.2 Cal

Peptide-Based, Therapeutic Nutrition
for Inflammation and Tolerance



Usage

VITAL AF 1.2 CAL is peptide-based therapeutic nutrition that provides complete, balanced nutrition for long- or short-term patients who require tube feeding and are experiencing malabsorption, maldigestion, or impaired GI function and/or GI intolerance.

- For tube or oral feeding.
- For supplemental or sole-source nutrition.
- Use under medical supervision.

Features

- Designed to promote tolerance:
 - Hydrolyzed peptide-based protein system.
 - Medium chain triglyceride/fish oil structured lipid, a well-tolerated^{1,2} and absorbed¹ next-generation fat to promote absorption of fatty acids.
 - 1.2 g of scFOS/8 fl oz (5.1 g/L). scFOS are prebiotic fibers that stimulate the growth of beneficial bacteria in the colon.³⁻⁵
- Omega-3 fatty acids EPA (2.7 g/L) and DHA (1.1 g/L) from fish oil to help modulate inflammation and support immune function.^{6,7}
- 75 g/L protein to meet the increased protein needs of stressed patients (greater than or equal to 1.2 g/kg) and support healing.⁸
- 1500 Calories (1250 mL) provide at least 100% of the RDIs for 25 essential vitamins and minerals.

- Contains at least 100% of the RDI for vitamin D per 1500 Calories to: a) Help maintain normal circulating levels of vitamin D, which has been shown to be decreased in critically ill patients^{9,10}/patients with malabsorption¹¹ b) Help meet the increased vitamin D needs of critically ill patients.⁹⁻¹¹
- Contains elevated levels of the antioxidants vitamins C and E and selenium to help reduce free radical damage.^{12,13}
- Gluten-free, suitable for lactose intolerance.

Precautions

- Not for IV use.
- Not for people with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 33.8-fl oz (1.0-L) Ready to Hang Prefilled Container; 8/case		
Ready to Hang	62715	70074-0627-16
— 8.0-fl oz (237.0-mL) Recloseable Carton; 24/case		
Vanilla	64828	70074-0648-26

1 Kenler AS, et al. *Ann Surg.* 1996;223(3):316-333.

2 McKenna MC, et al. *J Pediatr Gastroenterol Nutr.* 1985;4(1):45-51.

3 Bornet FR, et al. *Nutr Rev.* 2002;60(11):326-334.

4 Tokunaga T, et al. *Bifidus.* 1993;6(2):143-150.

5 Bouhnik Y, et al. *Nutr J.* 2007;6:42-48.

6 Calder PC. *Prostaglandins Leukot Essent Fatty Acids.* 2008;79(3-5):101-108.

7 Calder PC. *Clin Nutr.* 2010;29(1):5-12.

8 McClave S, et al. *JPEN J Parent Enteral Nutr.* 2016;40(2):159-211.

9 Lee P, et al. *Intensive Care Med.* 2009;35(12):2028-2032.

10 Lee P, et al. *N Engl J Med.* 2009;360(18):1912-1914.

11 Kuwabara A, et al. *Osteoporos Int.* 2009;20(6):935-942.

12 Institute of Medicine (US) Panel on Dietary Antioxidants and Related Compounds. *Dietary Reference Intakes for Vitamin C, Vitamin E, Selenium, and Carotenoids.* Washington (DC): National Academies Press (US);2000.

13 Sies H. *Redox Biol.* 2015;4:180-183.

Technical Data		Nutrition Information					
Vanilla		Vanilla	8 fl oz	1 L	Vanilla	8 fl oz	1 L
Caloric Density, Cal/mL	1.2	Protein, g	17.8	75	Calcium, mg	224	1046
Protein, % Cal	25	Total Fat, g	12.8	53.9	Calcium, mEq	12.4	52.3
Carbohydrate, % Cal	36	Total Carbohydrate, g	26.2	110.6	Phosphorus, mg	238	1004
Fat, % Cal	39	Dietary Fiber, g	1.2	5.1	Phosphorus, mmol	7.7	32.4
Omega-6:Omega-3 Ratio	0.9:1	scFOS, g	1.2	5.1	Magnesium, mg	80	337
MCT:LCT	45:55	Total Sugars, g	1.0	4.2	Magnesium, mEq	6.6	27.7
Total Cal:g Nitrogen	102:1	Added Sugars, g	1.0	4.2	Iodine, mcg	30	127
Nonprotein Cal:g Nitrogen	76:1	L-Carnitine, mg	30	125	Manganese, mg	0.8	3.4
Osmolality, mOsm/kg H ₂ O	459	Taurine, mg	30	125	Copper, mg	0.35	1.5
Renal Solute Load, mOsm/L	560	Water, mL	192	811	Zinc, mg	4.8	20.3
Recommended Tube Size for Gravity/Pump Feeding (Fr)	10/10	Calories	284	1200	Iron, mg	3.6	15.2
		Vitamin A, mcg RAE	365	1540	Selenium, mcg	15	63
		Vitamin D, mcg	6.1	25.8	Chromium, mcg	16	68
		Vitamin E, mg	4.8	20.3	Molybdenum, mcg	25.6	108
		Vitamin K, mcg	33.4	141			
		Vitamin C, mg	43	181			
		Folate, mcg DFE	124	523			
		Folic Acid, mcg	74	314			
		Vit B1 (Thiamin), mg	0.6	2.5			
		Vit B2 (Riboflavin), mg	0.4	1.7			
		Vitamin B6, mg	0.55	2.3			
		Vitamin B12, mcg	1.65	7			
		Niacin, mg NE	8	33.8			
		Choline, mg	105	443			
		Biotin, mcg	7.2	30.4			
		Pantothenic Acid, mg	1.7	7.2			
		Sodium, mg	300	1266			
		Sodium, mEq	13	55			
		Potassium, mg	390	1645			
		Potassium, mEq	10	42.2			
		Chloride, mg	300	1265			
		Chloride, mEq	8.5	35.7			

Vital® AF 1.2 Cal
Ingredients
Vanilla

Water, Corn Maltodextrin, Whey Protein Hydrolysate, Hydrolyzed Sodium Caseinate, Structured Lipid (Interesterified Marine Oil [Contains One or More of the Following: Anchovy, Menhaden, Salmon, Sardine, Tuna], Medium-Chain Triglycerides), Medium Chain Triglycerides, Less than 1% of: Canola Oil, Soy Oil, Short-chain Fructooligosaccharides, Natural & Artificial Flavor, Cellulose Gel, DATEM, Magnesium Phosphate, Calcium Carbonate, Sodium Phosphate, Potassium Chloride, Calcium Phosphate, Potassium Citrate, Ascorbic Acid, Choline Chloride, Potassium Hydroxide, Magnesium Chloride, Acesulfame Potassium, Carrageenan, Cellulose Gum, Sucralose, L-Carnitine, Taurine, Zinc Sulfate, Ferrous Sulfate, Niacinamide, d-Alpha-Tocopheryl Acetate, Calcium Pantothenate, Manganese Sulfate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Copper Sulfate, Riboflavin, Vitamin A Palmitate, Folic Acid, Chromium Chloride, Sodium Molybdate, Potassium Iodide, Sodium Selenate, Phylloquinone, Biotin, Vitamin B12, Vitamin D3

Contains milk ingredients.

HCPCS Code B4153

Vital® HP

Peptide-Based, High Protein, Therapeutic Nutrition for Tolerance



Usage

VITAL HIGH PROTEIN is specialized therapeutic nutrition for immune support, to promote GI tolerance, and to help manage inflammation and is suitable for patients who could benefit from a high-protein, low-fat diet.

- For tube or oral feeding.
- For supplemental or sole-source nutrition.
- Use under medical supervision.

Features

- 87.3 g/L peptide-based protein (35%).
- 20% of total calories from fat.
- EPA (2.3 g/L) and DHA (0.9 g/L) from fish oil to help modulate inflammation and support immune function.^{1,2}
- Has the recommended lipid profile for the severely critically ill patient, including EPA and DHA from fish oil, to help modulate inflammation.¹⁻³
- 1500 Calories (1500 mL) provides at least 100% of the RDIs for 25 essential vitamins and minerals.
- Contains elevated levels of the antioxidants vitamins C and E and selenium to help reduce free radical damage.^{4,5}

- Contains at least 100% of the RDI for vitamin D per 1500 Calories to: a) Help maintain normal circulating levels of vitamin D, which has been shown to be decreased in critically ill patients^{6,7}/patients with malabsorption⁸ b) Help meet the increased vitamin D needs of critically ill patients.⁶⁻⁸
- Gluten-free, suitable for lactose intolerance.

Precautions

- Not for IV use.
- Not for people with galactosemia.

Availability

Flavor	List No.	NDC Format Code
— 33.8-fl oz (1.0-L) Ready to Hang Prefilled Container; 8/case		
Unflavored	63081	70074-0630-82
— 8.0-fl oz (237.0-mL) Recloseable Carton; 24/case		
Unflavored	64820	70074-0648-17

1 Calder PC. *Prostaglandins Leukot Essent Fatty Acids*. 2008;79(3-5):101-108.

2 Calder PC. *Clin Nutr*. 2010;29(1):5-12.

3 McClave SA, et al. *JPEN J Parenter Enteral Nutr*. 2016;40(2):159-211.

4 Institute of Medicine (US) Panel on Dietary Antioxidants and Related Compounds. *Dietary Reference Intakes for Vitamin C, Vitamin E, Selenium, and Carotenoids*. Washington (DC): National Academies Press (US);2000.

5 Sies H. *Redox Biol*. 2015;4:180-183.

6 Lee P, et al. *N Engl J Med*. 2009;360(18):1912-1914.

7 Lee P, et al. *Intensive Care Med*. 2009;35(12):2028-2032.

8 Kuwabara A, et al. *Osteoporos Int*. 2009;20(6):935-942.

Technical Data		Nutrition Information					
Unflavored		Unflavored		Unflavored		Unflavored	
		8 fl oz	1 L	8 fl oz	1 L	8 fl oz	1 L
Caloric Density, Cal/mL	1.0	Protein, g	20.7	87.3	Calcium, mEq	10.3	43.5
Protein, % Cal	35	Total Fat, g	5.5	23.2	Phosphorus, mg	198	835
Carbohydrate, % Cal	45	Total Carbohydrate, g	26.7	111	Phosphorus, mmol	6.4	26.95
Fat, % Cal	20	Dietary Fiber, g	0	0	Magnesium, mg	67	281
Omega-6:Omega-3 Ratio	0.2:1	Total Sugars, g	2	8.4	Magnesium, mEq	5.5	23.1
MCT:LCT	50:50	Added Sugars, g	2	8.4	Iodine, mcg	25	103
Total Cal:g Nitrogen	73:1	L-Carnitine, mg	25	105	Manganese, mg	0.8	3.4
Nonprotein Cal:g Nitrogen	48:1	Taurine, mg	25	105	Copper, mg	0.4	1.7
Osmolality, mOsm/kg H ₂ O	419	Water, mL	198	836	Zinc, mg	4.7	19.8
Renal Solute Load, mOsm/L	630	Calories	237	1000	Iron, mg	3	12.7
Recommended Tube Size for Gravity/Pump Feeding (Fr)	10/10	Vitamin A, mcg RAE	166	700	Selenium, mcg	15	63
		Vitamin D, mcg	5	21	Chromium, mcg	20	84
		Vitamin E, mg	4	16.9	Molybdenum, mcg	32	135
		Vitamin K, mcg	39	165			
		Vitamin C, mg	82	344			
		Folate, mcg DFE	100	422			
		Folic Acid, mcg	60	253			
		Vit B1 (Thiamin), mg	0.5	2.1			
		Vit B2 (Riboflavin), mg	0.3	1.3			
		Vitamin B6, mg	0.5	2.1			
		Vitamin B12, mcg	2	8.4			
		Niacin, mg NE	6.8	28.7			
		Choline, mg	118	498			
		Biotin, mcg	8	33.7			
		Pantothenic Acid, mg	1.4	5.9			
		Sodium, mg	330	1400			
		Sodium, mEq	14.3	60.9			
		Potassium, mg	332	1400			
		Potassium, mEq	8.5	35.9			
		Chloride, mg	245	1033			
		Chloride, mEq	6.9	29.2			
		Calcium, mg	206	869			

Vital® HP
Ingredients
Unflavored

Water, Corn Maltodextrin, Whey Protein Hydrolysate, Hydrolyzed Sodium Caseinate, Medium Chain Triglycerides, Less than 1% of: Marine Oil (May Contain One or More of the Following: Anchovy, Cod, Menhaden, Pollock, Salmon, Sardine, Tuna), Sugar, Cellulose Gel, Magnesium Phosphate, Calcium Carbonate, Potassium Citrate, Sodium Phosphate, Corn Oil, Potassium Chloride, DATEM, Choline Chloride, Ascorbic Acid, Calcium Phosphate, Potassium Hydroxide, Carrageenan, Cellulose Gum, Magnesium Chloride, L-Carnitine, Taurine, Zinc Sulfate, Ferrous Sulfate, d-Alpha-Tocopheryl Acetate, Manganese Sulfate, Niacinamide, Calcium Pantothenate, Copper Sulfate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Vitamin A Palmitate, Chromium Chloride, Folic Acid, Sodium Molybdate, Phylloquinone, Potassium Iodide, Sodium Selenate, Biotin, Vitamin D3, Vitamin B12

Contains milk ingredients.

HCPCS Code B4153

Vital® Peptide

1.5 Cal

Peptide-Based Nutrition
for Ages 14+



Usage

VITAL PEPTIDE 1.5 CAL is a nutritionally complete, peptide-based formula for the nutrition needs of patients 14 years of age and older with malabsorption, maldigestion, and other GI conditions.

- For tube or oral feeding.
- For supplemental or sole-source nutrition.
- Use under medical supervision.

Features

- Complete, Balanced Nutrition®.
- Nutrient blend designed to help support tolerance and absorption.
 - Hydrolyzed whey-dominant protein.
 - scFOS, a prebiotic fiber.
 - 55% MCT & structured lipids.
- Meets or exceeds 100% of the DRIs for protein and 25 essential vitamins and minerals
 - in 1500 Cal (1000 mL) for patients 14 to 18 years of age.
 - in 1800 Cal (1200 mL) for patients 18 years of age and older.
- 1000 IU/L vitamin D.

- Antioxidants (vitamins C & E and selenium) to support the immune system.
- Kosher, halal, gluten-free, suitable for lactose intolerance.

Precautions

- Not for IV use.
- Not for people with galactosemia.

Availability

Flavor	List No.	NDC Format Code
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— 8.0-fl oz (237.0-mL) Recloseable Carton; 24/case

Vanilla	66236	70074-0662-37
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Technical Data		Nutrition Information			
Vanilla		Vanilla	8 fl oz	Vanilla	8 fl oz
Caloric Density, Cal/mL	1.5	Protein, g	16	Magnesium, mg	100
Protein, % Cal	18	Total Fat, g	13.5	Magnesium, mEq	8.2
Carbohydrate, % Cal	49	Total Carbohydrate, g	44.3	Iodine, mcg	36
Fat, % Cal	33	Dietary Fiber, g	1.4	Manganese, mg	0.6
Omega-6:Omega-3 Ratio	2.1:1	scFOS, g	1.4	Copper, mg	0.25
MCT:LCT	55:45	L-Carnitine, mg	5.3	Zinc, mg	2.7
Total Cal:g Nitrogen	139:1	Taurine, mg	23	Iron, mg	4.3
Nonprotein Cal:g Nitrogen	114:1	Water, mL	181	Selenium, mcg	15
Osmolality, mOsm/kg H2O	610	Calories	355	Chromium, mcg	11
Renal Solute Load, mOsm/L	586	Vitamin A, IU	775	Molybdenum, mcg	18
Recommended Tube Size for Gravity/Pump Feeding (Fr)	10/10	Vitamin D, IU	240		
		Vitamin E, IU	8.1		
		Vitamin K, mcg	25		
		Vitamin C, mg	36		
		Folic Acid, mcg	95		
		Vit B1 (Thiamin), mg	0.5		
		Vit B2 (Riboflavin), mg	0.5		
		Vitamin B6, mg	0.5		
		Vitamin B12, mcg	0.7		
		Niacin, mg NE	3.8		
		Choline, mg	131		
		Biotin, mcg	85		
		Pantothenic Acid, mg	2.4		
		Sodium, mg	360		
		Sodium, mEq	15.7		
		Potassium, mg	480		
		Potassium, mEq	12.3		
		Chloride, mg	360		
		Chloride, mEq	10.2		
		Calcium, mg	310		
		Calcium, mEq	15.5		
		Phosphorus, mg	300		

Vital® Peptide 1.5 Cal

Ingredients

Vanilla

Water, Corn Maltodextrin, Whey Protein Hydrolysate, Structured Lipid (Interesterified Canola Oil & Medium Chain Triglycerides), Sugar, Hydrolyzed Sodium Caseinate, Medium Chain Triglycerides, Canola Oil, Short-chain Fructooligosaccharides, Natural & Artificial Flavor, Magnesium Phosphate, DATEM, Calcium Phosphate, Potassium Citrate, Potassium Chloride, Cellulose Gel, Calcium Carbonate, Choline Chloride, Ascorbic Acid, Sodium Phosphate, Sucralose, Carrageenan, Cellulose Gum, Sodium Citrate, Taurine, Ferrus Sulfate, d-Alpha-Tocopheryl Acetate, Zinc Sulfate, L-Carnitine, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Copper Sulfate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Vitamin A Palmitate, Folic Acid, Biotin, Sodium Selenate, Sodium Molybdate, Potassium Iodide, Phylloquinone, Chromium Chloride, Vitamin D3, Vitamin B12

Contains milk ingredients.

HCPCS Code B4161

Calcilo XD[®]

Low-Calcium (2.9 mg/100 Cal)/Vitamin D-free Infant Formula with Iron



Usage

Nutrition support of infants with hypercalcemia, as may occur in infants with Williams syndrome, osteopetrosis, and primary neonatal hyperparathyroidism, and when a low-calcium, vitamin D-free formula is needed.

- Use under medical supervision.

Features

- The only commercially available formula for the management of hypercalcemia in infants.
- No vitamin D.
- Only a minimal amount of calcium (15 mg/100 g powder; 2.9 mg/100 Cal).
- Nutritionally complete—when prepared as directed, meets the American Academy of Pediatrics Committee on Nutrition recommendations for all nutrients including vitamins and minerals except calcium, vitamin D and phosphorus.
- L-carnitine (7 mg/100 g) and taurine (35 mg/100 g).
- Eliminates the need to prepare a modular formula.
- Lactose-free.
- Gluten-free, kosher, halal.

Precautions

- Calcium, vitamin D and phosphorus requirements should be determined by appropriate laboratory tests. This formula does not supply the minimum recommended intake of calcium, vitamin D or phosphorus for normal infants.
- Not for IV use.
- **Never use a microwave oven to warm formula.** Serious burns can result.
- Powdered infant formulas are not sterile and should not be fed to premature infants or infants who might have immune problems unless directed and supervised by your baby's doctor.

Availability

Flavor	List No.	NDC Format Code
— 12.4-oz (352.0-g) Can; 6/case		
Unflavored.....	53328	70074-0533-29

Technical Data		Nutrition Information		
Unflavored		100 Cal	100 g	
		(5 fl oz)*	(of Powder)	
Protein, % Cal	9	2.2	11.4	Unflavored
Carbohydrate, % Cal	41	5.6	28.7	Potassium, mEq
Fat, % Cal	50	10.2	52.3	Chloride, mg
Osmolality, mOsm/kg H ₂ O	190	1300	6660	Chloride, mEq
Potential Renal Solute Load, mOsm	94	100	513	
		Vitamin A, IU	300	1540
		Vitamin D, IU	0	0
		Vitamin E, IU	1.9	10
		Vitamin K, mcg	8	41
		Thiamin (Vit B1), mcg	100	513
		Riboflavin (Vit B2), mcg	150	770
		Vitamin B6, mcg	60	310
		Vitamin B12, mcg	0.3	1.3
		Niacin, mcg	1050	5400
		Folic Acid (Folacin), mcg	15	77
		Pantothenic Acid, mcg	450	2300
		Biotin, mcg	4.5	23
		Vitamin C (Ascorbic Acid), mg	9	46
		Choline, mg	12	62
		Inositol, mg	24	123
		Calcium, mg	2.9	15
		Phosphorus, mg	25	128
		Magnesium, mg	6	31
		Iron, mg	1.8	9.2
		Zinc, mg	0.8	3.8
		Manganese, mcg	5	26
		Copper, mcg	90	460
		Iodine, mcg	6	31
		Selenium, mcg	2	10
		Sodium, mg	24	125
		Sodium, mEq	1	5.4
		Potassium, mg	82	420

* Prepared as directed.

CalciLO XD®

Ingredients

Unflavored

Corn Syrup, Coconut Oil, Corn Oil, Whey Protein Concentrate, Sodium Caseinate, Less than 1.0% of: Potassium Phosphate, Magnesium Chloride, Potassium Chloride, Potassium Citrate, Ascorbic Acid, Inositol, Salt, Choline Chloride, Ferrous Sulfate, Potassium Hydroxide, Taurine, Zinc Sulfate, L-Carnitine, d-Alpha-Tocopheryl Acetate, Niacinamide, Calcium Pantothenate, Vitamin A Palmitate, Copper Sulfate, Thiamine Hydrochloride, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Manganese Sulfate, Potassium Iodide, Phylloquinone, Biotin, Sodium Selenate, Vitamin B12

Contains milk ingredients.

HCPCS Code B4162

Cyclinex[®]-1

Amino Acid-Modified Infant
Formula with Iron



Usage

Nutrition support of infants and toddlers with a urea cycle disorder, gyrate atrophy of the choroid and retina, or HHH syndrome.

- Use under medical supervision.

Features

- Nonessential amino acid-free to decrease the ingestion of waste nitrogen.
- L-carnitine (190 mg/100 g) and taurine (40 mg/100 g) to help supply amounts normally found in human milk and foods of animal origin.
- Approximately 43% of energy as fat to help achieve acceptable formula osmolality.
- 6.9% of energy as linoleic acid.
- Nutrient profile specifically designed for infants and toddlers.
- Additional vitamins and minerals to compensate for nutrient losses due to nitrogen-scavenger medications.
- When fed according to the Abbott Nutrition Support Protocols, provides adequate amounts of all nutrients.
- Non-GMO.*
- DHA and ARA to help support brain and eye development.

- Lactose-free.
- Gluten-free, kosher, made with pareve ingredients, halal.

Precautions

- Not intended as a sole source of nutrition.
- Must be supplemented with protein and fluid in prescribed amounts to completely meet protein and water requirements.
- Do not boil mixture or use terminal sterilization.
- **Never use a microwave oven to warm formula.** Serious burns can result.
- Not for IV use.

Availability

Flavor	List No.	NDC Format Code
— 14.1-oz (400.0-g) Can; 6/case		
Unflavored	67032	70074-0670-33

* Ingredients not genetically engineered.

Technical Data		Nutrition Information	
Unflavored		100 g (of Powder)	100 g (of Powder)
Protein, % Cal	11.9	Protein Equivalent, g	7.5
Carbohydrate, % Cal	44.7	Total Fat, g	24.6
Fat, % Cal	43.3	Total Carbohydrate, g	57.0
		L-Carnitine, mg	190
		Linoleic Acid, mg	4000
		Linolenic Acid, mg	410
		Calories	510
		Vitamin A, mcg RE	435
		Vitamin A, IU	1450
		Vitamin D, IU	510
		Vitamin D, mcg	12.8
		Vitamin E, IU	14
		Vitamin E, mg alpha-TE	7.2
		Vitamin K, mcg	70
		Vitamin C (Ascorbic Acid), mg	75
		Folic Acid (Folacin), mcg	97
		Thiamin (Vit B1), mcg	1235
		Riboflavin (Vit B2), mcg	725
		Vitamin B6, mcg	625
		Vitamin B12, mcg	0.92
		Niacin, mg NE	10.2
		Niacin, mcg	4840
		Choline, mg	106
		Biotin, mcg	26.4
		Pantothenic Acid, mcg	4580
		Inositol, mg	160
		Sodium, mg	215
		Sodium, mEq	9.4
		Potassium, mg	760
		Potassium, mEq	19.4
		Chloride, mg	390
		Chloride, mEq	11.0
		Unflavored	
		Calcium, mg	650
		Phosphorus, mg	455
		Magnesium, mg	55
		Iodine, mcg	70
		Manganese, mcg	425
		Copper, mcg	450
		Zinc, mg	5.8
		Iron, mg	8.75
		Selenium, mcg	23.8
		Chromium, mcg	14
		Molybdenum, mcg	15

Cyclinex®-1

Ingredients

Unflavored

Corn Syrup Solids, High Oleic Safflower Oil, Coconut Oil, Soy Oil, Modified Corn Starch, L-Leucine, Less than 2% of: L-Lysine, Calcium Phosphate, L-Valine, L-Isoleucine, Potassium Phosphate, L-Tyrosine, L-Threonine, L-Phenylalanine, Sodium Citrate, Potassium Citrate, Magnesium Chloride, L-Cystine Dihydrochloride, L-Histidine, L-Methionine, M. Alpina Oil, L-Tryptophan, C. Cohnii Oil, Calcium Carbonate, Citric Acid, Ascorbic Acid, L-Carnitine, Inositol, Choline Chloride, Taurine, Ferrous Sulfate, Ascorbyl Palmitate, Zinc Sulfate, dl-Alpha-Tocopheryl Acetate, Mixed Tocopherols, Calcium Pantothenate, Niacinamide, Manganese Sulfate, Thiamine Hydrochloride, Copper Sulfate, Vitamin A Palmitate, Riboflavin, Pyridoxine Hydrochloride, Potassium Iodide, Folic Acid, Phylloquinone, Chromium Chloride, Sodium Selenate, Sodium Molybdate, Biotin, Vitamin D3, Vitamin B12, Salt

HCPCS Code B4162

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Cyclinex® -2

Amino Acid-Modified
Medical Food



Usage

Nutrition support of children and adults with a urea cycle disorder, gyrate atrophy of the choroid and retina, or HHH syndrome.

- Use under medical supervision.

Features

- Nonessential amino acid-free to decrease the ingestion of waste nitrogen.
- Nutrient profile specifically designed for children and adults.
- L-carnitine (370 mg/100 g) and taurine (140 mg/100 g) to help supply amounts normally found in foods of animal origin.
- Additional vitamins and minerals to compensate for nutrient losses due to nitrogen-scavenger medications.
- Approximately 35% of energy as fat to help supply essential fatty acids.
- When fed according to the Abbott Nutrition Support Protocols, provides adequate amounts of all nutrients.
- Non-GMO.*
- DHA to support the brain and eyes.
- Lactose-free.
- Gluten-free, kosher, made with pareve ingredients, halal.

Precautions

- Not intended as a sole source of nutrition.
- Must be supplemented with protein and fluid in prescribed amounts to completely meet protein and water requirements.
- Not for infants under 1 year of age.
- Do not heat or use in cooking.
- Not for IV use.

Availability

Flavor	List No.	NDC Format Code
— 14.1-oz (400.0-g) Can; 6/case		
Unflavored.....	67034.....	70074-0670-35

* Ingredients not genetically engineered.

Technical Data		Nutrition Information	
Unflavored		100 g (of Powder)	100 g (of Powder)
Protein, % Cal	25	Protein Equivalent, g	15.0
Carbohydrate, % Cal	41	Total Fat, g	17.0
Fat, % Cal	34	Total Carbohydrate, g	45.0
		L-Carnitine, mg	370
		Linoleic Acid, mg	2800
		Linolenic Acid, mg	275
		Calories	440
		Vitamin A, mcg RE	495
		Vitamin A, IU	1650
		Vitamin D, IU	1100
		Vitamin D, mcg	27.5
		Vitamin E, IU	13.0
		Vitamin E, mg alpha-TE	7.0
		Vitamin K, mcg	70.0
		Vitamin C (Ascorbic Acid), mg	75.0
		Folic Acid (Folacin), mcg	510
		Vit B1 (Thiamin), mg	4.0
		Vit B2 (Riboflavin), mg	1.8
		Vitamin B6, mg	1.3
		Vitamin B12, mcg	7.3
		Niacin, mg NE	30.3
		Niacin, mg	21.0
		Choline, mg	130
		Biotin, mcg	140
		Pantothenic Acid, mg	10.9
		Inositol, mg	100
		Sodium, mg	1175
		Sodium, mEq	51.1
		Potassium, mg	1800
		Potassium, mEq	46.0
		Chloride, mg	1325
		Chloride, mEq	37.4
		Calcium, mg	1250
		Phosphorus, mg	1020
		Magnesium, mg	300
		Iodine, mcg	150
		Manganese, mg	0.9
		Copper, mg	2.0
		Zinc, mg	17.0
		Iron, mg	17.0
		Selenium, mcg	40.0
		Chromium, mcg	37.0
		Molybdenum, mcg	40.0

Cyclinex®-2

Ingredients

Unflavored

Corn Syrup Solids, High Oleic Safflower Oil, Coconut Oil, Sodium Citrate, Soy Oil, L-Leucine, L-Lysine, L-Isoleucine, Magnesium Phosphate, Potassium Chloride, Less than 2% of: L-Tyrosine, L-Phenylalanine, L-Threonine, Silicon Dioxide, Modified Corn Starch, Potassium Citrate, Potassium Phosphate, L-Cystine Dihydrochloride, L-Histidine, L-Methionine, C. Cohnii Oil, L-Tryptophan, Calcium Citrate, Calcium Carbonate, L-Carnitine, Citric Acid, Ascorbic Acid, Taurine, Choline Chloride, Inositol, Ferrous Sulfate, Zinc Sulfate, Ascorbyl Palmitate, Niacinamide, Calcium Pantothenate, dl-Alpha-Tocopheryl Acetate, Mixed Tocopherols, Copper Sulfate, Thiamine Hydrochloride, Manganese Sulfate, Riboflavin, Pyridoxine Hydrochloride, Vitamin A Palmitate, Folic Acid, Biotin, Chromium Chloride, Potassium Iodide, Sodium Selenate, Phylloquinone, Sodium Molybdate, Vitamin D3, Vitamin B12

HCPCS Code B4157 or B4162

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Glutarex®-1

Amino Acid-Modified Infant
Formula with Iron



Usage

Nutrition support of infants and toddlers with glutaric aciduria type I.

- Use under medical supervision.

Features

- Lysine- and tryptophan-free to allow greater intake of intact protein.
- L-carnitine (900 mg/100 g) to help supply amount normally found in human milk and foods of animal origin and to help excrete toxic metabolites.
- Taurine (40 mg/100 g) to help supply amount normally found in human milk and foods of animal origin.
- Approximately 40% of energy as fat to help achieve acceptable formula osmolality.
- 6.6% of energy as linoleic acid.
- Nutrient profile specifically designed for infants and toddlers.
- When fed according to the Abbott Nutrition Support Protocols, provides adequate amounts of all nutrients.
- Non-GMO.*
- DHA and ARA to help support brain and eye development.

- Lactose-free.
- Gluten-free, kosher, made with pareve ingredients, halal.

Precautions

- Not intended as a sole source of nutrition.
- Must be supplemented with protein and fluid in prescribed amounts to completely meet lysine, tryptophan and water requirements.
- Do not boil mixture or use terminal sterilization.
- **Never use a microwave oven to warm formula.** Serious burns can result.
- Not for IV use.

Availability

Flavor	List No.	NDC Format Code
— 14.1-oz (400.0-g) Can; 6/case		
Unflavored.....	67036.....	70074-0670-37

* Ingredients not genetically engineered.

Technical Data		Nutrition Information	
Unflavored		100 g (of Powder)	100 g (of Powder)
Protein, % Cal	15.5	Protein Equivalent, g	15.0
Carbohydrate, % Cal	44.0	Total Fat, g	21.7
Fat, % Cal	40.5	Total Carbohydrate, g	53.0
		L-Carnitine, mg	900
		Linoleic Acid, mg	3650
		Linolenic Acid, mg	360
		Calories	480
		Vitamin A, mcg RE	390
		Vitamin A, IU	1300
		Vitamin D, IU	450
		Vitamin D, mcg	11.3
		Vitamin E, IU	12.5
		Vitamin E, mg alpha-TE	6.4
		Vitamin K, mcg	60
		Vitamin C (Ascorbic Acid), mg	75
		Folic Acid (Folacin), mcg	88
		Thiamin (Vit B1), mcg	1120
		Riboflavin (Vit B2), mcg	650
		Vitamin B6, mcg	560
		Vitamin B12, mcg	0.85
		Niacin, mg NE	4.5
		Niacin, mcg	4450
		Choline, mg	95
		Biotin, mcg	23.5
		Pantothenic Acid, mcg	4000
		Inositol, mg	144
		Sodium, mg	190
		Sodium, mEq	8.3
		Potassium, mg	675
		Potassium, mEq	17.3
		Chloride, mg	325
		Chloride, mEq	9.2

Glutarex®-1

Ingredients

Unflavored

Corn Syrup Solids, High Oleic Safflower Oil, Coconut Oil, Soy Oil, L-Glutamic Acid, Modified Corn Starch, Less than 2% of: L-Leucine, L-Proline, L-Aspartic Acid, L-Arginine, Calcium Phosphate, L-Valine, L-Alanine, L-Isoleucine, Potassium Phosphate, Glycine, L-Carnitine, L-Tyrosine, L-Phenylalanine, L-Serine, L-Threonine, Sodium Citrate, Potassium Citrate, Magnesium Chloride, L-Histidine, L-Methionine, M. Alpina Oil, C. Cohnii Oil, Calcium Carbonate, Citric Acid, Ascorbic Acid, L-Cystine Dihydrochloride, Inositol, Choline Chloride, Taurine, Ferrus Sulfate, Ascorbyl Palmitate, Zinc Sulfate, dl-Alpha-Tocopheryl Acetate, Mixed Tocopherols, Calcium Pantothenate, Niacinamide, Manganese Sulfate, Thiamine Hydrochloride, Copper Sulfate, Vitamin A Palmitate, Riboflavin, Pyridoxine Hydrochloride, Potassium Iodide, Folic Acid, Phylloquinone, Chromium Chloride, Sodium Selenate, Sodium Molybdate, Biotin, Vitamin D3, Vitamin B12, Salt

HCPCS Code B4162

Glutarex® -2

Amino Acid-Modified
Medical Food



Usage

Nutrition support of children and adults with glutaric aciduria type I.

- Use under medical supervision.

Features

- Lysine- and tryptophan-free to allow greater intake of intact protein.
- Nutrient profile specifically designed for children and adults.
- L-carnitine (1800 mg/100 g) to help supply amount normally found in foods of animal origin and to help excrete toxic metabolites.
- Taurine (125 mg/100 g) to help supply amount normally found in foods of animal origin.
- Approximately 30% of energy as fat to help supply essential fatty acids.
- When fed according to the Abbott Nutrition Support Protocols, provides adequate amounts of all nutrients.
- Non-GMO.*
- DHA to support the brain and eyes.
- Lactose-free.
- Gluten-free, kosher, made with pareve ingredients, halal.

Precautions

- Must be supplemented with protein and fluid in prescribed amounts to completely meet lysine, tryptophan and water requirements.
- Not intended as a sole source of nutrition.
- Not for infants under 1 year of age.
- Do not heat or use in cooking.
- Not for IV use.

Availability

Flavor	List No.	NDC Format Code
— 14.1-oz (400.0-g) Can; 6/case		
Unflavored	67038	70074-0670-39

* Ingredients not genetically engineered.

Technical Data		Nutrition Information	
Unflavored		100 g (of Powder)	100 g (of Powder)
Protein, % Cal	36	Protein Equivalent, g	30.0
Carbohydrate, % Cal	34	Total Fat, g	13.0
Fat, % Cal	30	Total Carbohydrate, g	35.0
		L-Carnitine, mg	1800
		Linoleic Acid, mg	2200
		Linolenic Acid, mg	225
		Calories	410
		Vitamin A, mcg RE	450
		Vitamin A, IU	1500
		Vitamin D, IU	900
		Vitamin D, mcg	22.5
		Vitamin E, IU	12
		Vitamin E, mg alpha-TE	5.9
		Vitamin K, mcg	60.0
		Vitamin C (Ascorbic Acid), mg	60.0
		Folic Acid (Folacin), mcg	425
		Vit B1 (Thiamin), mg	3.3
		Vit B2 (Riboflavin), mg	1.6
		Vitamin B6, mg	1.1
		Vitamin B12, mcg	5.0
		Niacin, mg NE	16.0
		Niacin, mg	16
		Choline, mg	100
		Biotin, mcg	100
		Pantothenic Acid, mg	8.0
		Inositol, mg	82.0
		Sodium, mg	880
		Sodium, mEq	38.3
		Potassium, mg	1370
		Potassium, mEq	35.0
		Chloride, mg	940
		Chloride, mEq	26.5
		Unflavored	
		Calcium, mg	975
		Phosphorus, mg	760
		Magnesium, mg	225
		Iodine, mcg	100
		Manganese, mg	0.8
		Copper, mg	1.5
		Zinc, mg	13.0
		Iron, mg	13.0
		Selenium, mcg	35.0
		Chromium, mcg	27.0
		Molybdenum, mcg	30.0

Glutarex®-2

Ingredients

Unflavored

Corn Syrup Solids, L-Glutamic Acid, High Oleic Safflower Oil, Coconut Oil, Sodium Citrate, Soy Oil, L-Leucine, L-Proline, L-Aspartic Acid, L-Arginine, L-Valine, L-Alanine, Calcium Phosphate, L-Isoleucine, Glycine, L-Carnitine, L-Tyrosine, Less than 2% of: L-Phenylalanine, Magnesium Phosphate, Potassium Chloride, L-Serine, L-Threonine, Silicon Dioxide, Modified Corn Starch, L-Histidine, Potassium Citrate, Potassium Phosphate, L-Methionine, C. Cohnii Oil, L-Cystine Dihydrochloride, Calcium Citrate, Calcium Carbonate, Citric Acid, Ascorbic Acid, Taurine, Choline Chloride, Inositol, Ferrous Sulfate, Zinc Sulfate, Ascorbyl Palmitate, Niacinamide, Calcium Pantothenate, dl-Alpha-Tocopheryl Acetate, Mixed Tocopherols, Copper Sulfate, Thiamine Hydrochloride, Manganese Sulfate, Riboflavin, Pyridoxine Hydrochloride, Vitamin A Palmitate, Folic Acid, Biotin, Chromium Chloride, Potassium Iodide, Sodium Selenate, Phylloquinone, Sodium Molybdate, Vitamin D3, Vitamin B12

HCPCS Code B4157 or B4162

Hominex® -1

Amino Acid-Modified Infant Formula with Iron



Usage

Nutrition support of infants and toddlers with vitamin B6-nonresponsive homocystinuria or hypermethioninemia.

- Use under medical supervision.

Features

- Methionine-free to allow greater intake of intact protein.
- L-cystine, in a soluble form, an essential amino acid that is often deficient in diets of infants and toddlers with homocystinuria.
- L-carnitine (20 mg/100 g) and taurine (40 mg/100 g) to help supply amounts normally found in human milk and foods of animal origin.
- Approximately 40% of energy as fat to help achieve acceptable formula osmolality.
- 6.6% of energy as linoleic acid.
- Nutrient profile specifically designed for infants and toddlers.
- When fed according to the Abbott Nutrition Support Protocols, provides adequate amounts of all nutrients.
- Non-GMO.*
- DHA and ARA to help support brain and eye development.

- Lactose-free.
- Gluten-free, kosher, made with pareve ingredients, halal.

Precautions

- Not intended as a sole source of nutrition.
- Must be supplemented with protein and fluid in prescribed amounts to completely meet methionine and water requirements.
- Do not boil mixture or use terminal sterilization.
- **Never use a microwave oven to warm formula.** Serious burns can result.
- Not for IV use.

Availability

Flavor	List No.	NDC Format Code
— 14.1-oz (400.0-g) Can; 6/case		
Unflavored.....	67040.....	70074-0670-41

* Ingredients not genetically engineered.

Technical Data		Nutrition Information	
Unflavored		100 g (of Powder)	100 g (of Powder)
Protein, % Cal	15.5	Protein Equivalent, g	15.0
Carbohydrate, % Cal	44.0	Total Fat, g	21.7
Fat, % Cal	40.5	Total Carbohydrate, g	53.0
		L-Carnitine, mg	20
		Linoleic Acid, mg	3650
		Linolenic Acid, mg	360
		Calories	480
		Vitamin A, mcg RE	390
		Vitamin A, IU	1300
		Vitamin D, IU	450
		Vitamin D, mcg	11.3
		Vitamin E, IU	12.5
		Vitamin E, mg alpha-TE	6.4
		Vitamin K, mcg	60
		Vitamin C (Ascorbic Acid), mg	75
		Folic Acid (Folacin), mcg	88
		Thiamin (Vit B1), mcg	1120
		Riboflavin (Vit B2), mcg	650
		Vitamin B6, mcg	560
		Vitamin B12, mcg	0.85
		Niacin, mg NE	7.7
		Niacin, mcg	4450
		Choline, mg	95
		Biotin, mcg	23.5
		Pantothenic Acid, mcg	4000
		Inositol, mg	144
		Sodium, mg	190
		Sodium, mEq	8.3
		Potassium, mg	675
		Potassium, mEq	17.3
		Chloride, mg	410
		Chloride, mEq	11.6

Hominex®-1

Ingredients

Corn Syrup Solids, High Oleic Safflower Oil, Coconut Oil, Soy Oil, Modified Corn Starch, Less than 2% of: L-Leucine, L-Lysine, Calcium Phosphate, L-Proline, L-Glutamine, L-Valine, L-Isoleucine, L-Arginine, Potassium Phosphate, Glycine, L-Alanine, L-Tyrosine, L-Phenylalanine, L-Asparagine, L-Serine, L-Threonine, Sodium Citrate, L-Cystine Dihydrochloride, Potassium Citrate, Magnesium Chloride, L-Histidine, M. Alpina Oil, C. Cohnii Oil, Calcium Carbonate, Citric Acid, Ascorbic Acid, L-Glutamic Acid, L-Tryptophan, Inositol, Choline Chloride, L-Aspartic Acid, Taurine, Ferrous Sulfate, Ascorbyl Palmitate, L-Carnitine, Zinc Sulfate, dl-Alpha-Tocopheryl Acetate, Mixed Tocopherols, Calcium Pantothenate, Niacinamide, Manganese Sulfate, Thiamine Hydrochloride, Copper Sulfate, Vitamin A Palmitate, Riboflavin, Pyridoxine Hydrochloride, Potassium Iodide, Folic Acid, Phylloquinone, Chromium Chloride, Sodium Selenate, Sodium Molybdate, Biotin, Vitamin D3, Vitamin B12, Salt

HCPCS Code B4162

Hominex® -2

Amino Acid-Modified
Medical Food



Usage

Nutrition support of children and adults with vitamin B6-nonresponsive homocystinuria or hypermethioninemia.

- Use under medical supervision.

Features

- Methionine-free to allow greater intake of intact protein.
- Nutrient profile specifically designed for children and adults.
- L-carnitine (40 mg/100 g) and taurine (125 mg/100 g) to help supply amounts normally found in foods of animal origin.
- L-cystine, in a soluble form, an essential amino acid that is often deficient in diets of children and adults with homocystinuria.
- Approximately 30% of energy as fat to help supply essential fatty acids.
- When fed according to the Abbott Nutrition Support Protocols, provides adequate amounts of all nutrients.
- Non-GMO.*
- DHA to support the brain and eyes.
- Lactose-free.
- Gluten-free, kosher, made with pareve ingredients, halal.

Precautions

- Must be supplemented with protein and fluid in prescribed amounts to completely meet methionine and water requirements.
- Not intended as a sole source of nutrition.
- Not for infants under 1 year of age.
- Do not heat or use in cooking.
- Not for IV use.

Availability

Flavor	List No.	NDC Format Code
— 14.1-oz (400.0-g) Can; 6/case		
Unflavored	67042	70074-0670-43

* Ingredients not genetically engineered.

Technical Data		Nutrition Information	
Unflavored		100 g (of Powder)	100 g (of Powder)
Protein, % Cal	36	Protein Equivalent, g	30.0
Carbohydrate, % Cal	34	Total Fat, g	14.0
Fat, % Cal	30	Total Carbohydrate, g	35.0
		L-Carnitine, mg	40
		Linoleic Acid, mg	2200
		Linolenic Acid, mg	225
		Calories	410
		Vitamin A, mcg RE	450
		Vitamin A, IU	1500
		Vitamin D, IU	900
		Vitamin D, mcg	22.5
		Vitamin E, IU	12
		Vitamin E, mg alpha-TE	5.9
		Vitamin K, mcg	60.0
		Vitamin C (Ascorbic Acid), mg	60.0
		Folic Acid (Folacin), mcg	425
		Vit B1 (Thiamin), mg	3.3
		Vit B2 (Riboflavin), mg	1.6
		Vitamin B6, mg	1.1
		Vitamin B12, mcg	5.0
		Niacin, mg NE	21.7
		Niacin, mg	16
		Choline, mg	100
		Biotin, mcg	100
		Pantothenic Acid, mg	8.0
		Inositol, mg	82.0
		Sodium, mg	880
		Sodium, mEq	38.3
		Potassium, mg	1370
		Potassium, mEq	35.0
		Chloride, mg	1160
		Chloride, mEq	32.7
		Unflavored	Unflavored
		Calcium, mg	975
		Phosphorus, mg	760
		Magnesium, mg	225
		Iodine, mcg	100
		Manganese, mg	0.8
		Copper, mg	1.5
		Zinc, mg	13.0
		Iron, mg	13.0
		Selenium, mcg	35.0
		Chromium, mcg	27.0
		Molybdenum, mcg	30.0

Hominex®-2

Ingredients

Corn Syrup Solids, High Oleic Safflower Oil, Coconut Oil, Sodium Citrate, Soy Oil, L-Leucine, L-Lysine Acetate, L-Proline, L-Glutamine, L-Valine, Calcium Phosphate, L-Isoleucine, L-Arginine, Glycine, L-Alanine, L-Tyrosine, Less than 2% of: Magnesium Phosphate, L-Phenylalanine, Potassium Chloride, Asparagine Monohydrate, L-Serine, L-Threonine, L-Cystine Dihydrochloride, Silicon Dioxide, Modified Corn Starch, L-Histidine, Potassium Citrate, Potassium Phosphate, C. Cohnii Oil, L-Glutamic Acid, Calcium Citrate, L-Tryptophan, Calcium Carbonate, Citric Acid, L-Aspartic Acid, Ascorbic Acid, Taurine, Choline Chloride, Inositol, Ferrous Sulfate, Zinc Sulfate, L-Carnitine, Ascorbyl Palmitate, Niacinamide, Calcium Pantothenate, dl-Alpha-Tocopheryl Acetate, Mixed Tocopherols, Copper Sulfate, Thiamine Hydrochloride, Manganese Sulfate, Riboflavin, Pyridoxine Hydrochloride, Vitamin A Palmitate, Folic Acid, Biotin, Chromium Chloride, Potassium Iodide, Sodium Selenate, Phylloquinone, Sodium Molybdate, Vitamin D3, Vitamin B12

HCPCS Code B4157 or B4162

I-Valex® -1

Amino Acid-Modified Infant Formula with Iron



Usage

Nutrition support of infants and toddlers with a disorder of leucine catabolism.

- Use under medical supervision.

Features

- Leucine-free to allow greater intake of intact protein.
- Isoleucine and valine to help prevent deficiency of these amino acids.
- L-carnitine (900 mg/100 g) to help supply amount normally found in human milk and foods of animal origin and to help excrete toxic metabolites.
- Glycine (1000 mg/100 g) to bind with acyl groups and help enhance their excretion in a nontoxic form.
- Approximately 40% of energy as fat to help achieve acceptable formula osmolality.
- 6.6% of energy as linoleic acid.
- Nutrient profile specifically designed for infants and toddlers.
- When fed according to the Abbott Nutrition Support Protocols, provides adequate amounts of all nutrients.
- Non-GMO.*

- DHA and ARA to help support brain and eye development.
- Lactose-free.
- Gluten-free, kosher, made with pareve ingredients, halal.

Precautions

- Not intended as a sole source of nutrition.
- Must be supplemented with protein and fluid in prescribed amounts to completely meet leucine and water requirements.
- Do not boil mixture or use terminal sterilization.
- **Never use a microwave oven to warm formula.** Serious burns can result.
- Not for IV use.

Availability

Flavor	List No.	NDC Format Code
— 14.1-oz (400.0-g) Can; 6/case		
Unflavored.....	67044.....	70074-0670-45

* Ingredients not genetically engineered.

Technical Data		Nutrition Information	
Unflavored		100 g (of Powder)	100 g (of Powder)
Protein, % Cal	15.5	Protein Equivalent, g	15.0
Carbohydrate, % Cal	44.0	Total Fat, g	21.7
Fat, % Cal	40.5	Total Carbohydrate, g	53.0
		L-Carnitine, mg	900
		Linoleic Acid, mg	3650
		Linolenic Acid, mg	360
		Calories	480
		Vitamin A, mcg RE	390
		Vitamin A, IU	1300
		Vitamin D, IU	450
		Vitamin D, mcg	11.3
		Vitamin E, IU	12.5
		Vitamin E, mg alpha-TE	6.4
		Vitamin K, mcg	60
		Vitamin C (Ascorbic Acid), mg	75
		Folic Acid (Folacin), mcg	88
		Thiamin (Vit B1), mcg	1120
		Riboflavin (Vit B2), mcg	650
		Vitamin B6, mcg	560
		Vitamin B12, mcg	0.85
		Niacin, mg NE	7.7
		Niacin, mcg	4450
		Choline, mg	95
		Biotin, mcg	23.5
		Pantothenic Acid, mcg	4000
		Inositol, mg	144
		Sodium, mg	190
		Sodium, mEq	8.3
		Potassium, mg	675
		Potassium, mEq	17.3
		Chloride, mg	325
		Chloride, mEq	9.2

I-Valex®-1
Ingredients

Corn Syrup Solids, High Oleic Safflower Oil, Coconut Oil, Soy Oil, L-Alanine, L-Glutamic Acid, Modified Corn Starch, Less than 2% of: L-Aspartic Acid, L-Proline, L-Lysine, Calcium Phosphate, L-Arginine, Potassium Phosphate, Glycine, L-Carnitine, L-Tyrosine, L-Phenylalanine, L-Serine, L-Threonine, Sodium Citrate, Potassium Citrate, L-Valine, Magnesium Chloride, L-Isoleucine, L-Histidine, L-Methionine, M. Alpina Oil, C. Cohnii Oil, Calcium Carbonate, Citric Acid, Ascorbic Acid, L-Cystine Dihydrochloride, L-Tryptophan, Inositol, Choline Chloride, Taurine, Ferrous Sulfate, Ascorbyl Palmitate, Zinc Sulfate, dl-Alpha-Tocopheryl Acetate, Mixed Tocopherols, Calcium Pantothenate, Niacinamide, Manganese Sulfate, Thiamine Hydrochloride, Copper Sulfate, Vitamin A Palmitate, Riboflavin, Pyridoxine Hydrochloride, Potassium Iodide, Folic Acid, Phylloquinone, Chromium Chloride, Sodium Selenate, Sodium Molybdate, Biotin, Vitamin D3, Vitamin B12, Salt

HCPCS Code B4162

I-Valex[®]-2

Amino Acid-Modified
Medical Food



Usage

Nutrition support of children and adults with a disorder of leucine catabolism.

- Use under medical supervision.

Features

- Leucine-free to allow greater intake of intact protein.
- Isoleucine and valine to help prevent deficiency of these amino acids.
- Nutrient profile specifically designed for children and adults.
- L-carnitine (1800 mg/100 g) to help supply amount normally found in foods of animal origin and to help excrete toxic metabolites.
- Glycine (2000 mg/100 g) to bind with acyl groups and help enhance their excretion in a nontoxic form.
- Approximately 30% of energy as fat to help supply essential fatty acids.
- When fed according to the Abbott Nutrition Support Protocols, provides adequate amounts of all nutrients.
- Non-GMO.*
- DHA to support the brain and eyes.

- Lactose-free.
- Gluten-free, kosher, made with pareve ingredients, halal.

Precautions

- Must be supplemented with protein and fluid in prescribed amounts to completely meet leucine and water requirements.
- Not intended as a sole source of nutrition.
- Not for infants under 1 year of age.
- Do not heat or use in cooking.
- Not for IV use.

Availability

Flavor	List No.	NDC Format Code
— 14.1-oz (400.0-g) Can; 6/case		
Unflavored	67046	70074-0670-47

* Ingredients not genetically engineered.

Technical Data		Nutrition Information	
Unflavored		100 g (of Powder)	100 g (of Powder)
Protein, % Cal	36	Protein Equivalent, g	30.0
Carbohydrate, % Cal	34	Total Fat, g	13.0
Fat, % Cal	30	Total Carbohydrate, g	35.0
		L-Carnitine, mg	1800
		Linoleic Acid, mg	2200
		Linolenic Acid, mg	225
		Calories	410
		Vitamin A, mcg RE	450
		Vitamin A, IU	1500
		Vitamin D, IU	900
		Vitamin D, mcg	22.5
		Vitamin E, IU	12
		Vitamin E, mg alpha-TE	5.9
		Vitamin K, mcg	60.0
		Vitamin C (Ascorbic Acid), mg	60.0
		Folic Acid (Folacin), mcg	425
		Vit B1 (Thiamin), mg	3.3
		Vit B2 (Riboflavin), mg	1.6
		Vitamin B6, mg	1.1
		Vitamin B12, mcg	5.0
		Niacin, mg NE	21.7
		Niacin, mg	16.0
		Choline, mg	100
		Biotin, mcg	100
		Pantothenic Acid, mg	8.0
		Inositol, mg	82.0
		Sodium, mg	880
		Sodium, mEq	38.3
		Potassium, mg	1370
		Potassium, mEq	35.0
		Chloride, mg	940
		Chloride, mEq	26.5
		Unflavored	Unflavored
		Calcium, mg	975
		Phosphorus, mg	760
		Magnesium, mg	225
		Iodine, mcg	100
		Manganese, mg	0.8
		Copper, mg	1.5
		Zinc, mg	13.0
		Iron, mg	13.0
		Selenium, mcg	35.0
		Chromium, mcg	27.0
		Molybdenum, mcg	30.0

I-Valex®-2
Ingredients
Unflavored

Corn Syrup Solids, L-Alanine, High Oleic Safflower Oil, Coconut Oil, Sodium Citrate, Soy Oil, L-Glutamic Acid, L-Aspartic Acid, L-Arginine, L-Proline, L-Lysine Acetate, Calcium Phosphate, Glycine, L-Carnitine, L-Tyrosine, Less than 2% of: L-Phenylalanine, Magnesium Phosphate, Potassium Chloride, L-Serine, L-Threonine, Silicon Dioxide, Modified Corn Starch, L-Valine, L-Isoleucine, L-Histidine, Potassium Citrate, Potassium Phosphate, L-Methionine, C. Cohnii Oil, L-Cystine Dihydrochloride, Calcium Citrate, L-Tryptophan, Calcium Carbonate, Citric Acid, Ascorbic Acid, Taurine, Choline Chloride, Inositol, Ferrous Sulfate, Zinc Sulfate, Ascorbyl Palmitate, Niacinamide, Calcium Pantothenate, dl-Alpha-Tocopheryl Acetate, Mixed Tocopherols, Copper Sulfate, Thiamine Hydrochloride, Manganese Sulfate, Riboflavin, Pyridoxine Hydrochloride, Vitamin A Palmitate, Folic Acid, Biotin, Chromium Chloride, Potassium Iodide, Sodium Selenate, Phylloquinone, Sodium Molybdate, Vitamin D3, Vitamin B12

HCPCS Code B4157 or B4162

Ketonex® -1

Amino Acid-Modified Infant
Formula with Iron



Usage

Nutrition support of infants and toddlers with maple syrup urine disease (MSUD) or beta-ketothiolase deficiency.

- Use under medical supervision.

Features

- Branched-chain amino acid-free to allow greater intake of intact protein.
- L-carnitine (100 mg/100 g) and taurine (40 mg/100 g) to help supply amounts normally found in human milk and foods of animal origin.
- Approximately 40% of energy as fat to help achieve acceptable formula osmolality.
- 6.6% of energy as linoleic acid.
- Nutrient profile specifically designed for infants and toddlers.
- When fed according to the Abbott Nutrition Support Protocols, provides adequate amounts of all nutrients.
- Non-GMO.*
- DHA and ARA to help support brain and eye development.
- Lactose-free.
- Gluten-free, kosher, made with pareve ingredients, halal.

Precautions

- Not intended as a sole source of nutrition.
- Must be supplemented with protein and fluid in prescribed amounts to completely meet isoleucine, leucine, valine and water requirements.
- Do not boil mixture or use terminal sterilization.
- **Never use a microwave oven to warm formula.** Serious burns can result.
- Not for IV use.

Availability

Flavor _____ List No. _____ NDC Format Code _____

— **14.1-oz (400.0-g) Can; 6/case**

Unflavored 67048 70074-0670-49

* Ingredients not genetically engineered.

Technical Data		Nutrition Information	
Unflavored		100 g (of Powder)	100 g (of Powder)
Protein, % Cal	15.5	Protein Equivalent, g	15.0
Carbohydrate, % Cal	44.0	Total Fat, g	21.7
Fat, % Cal	40.5	Total Carbohydrate, g	53.0
		L-Carnitine, mg	100
		Linoleic Acid, mg	3650
		Linolenic Acid, mg	360
		Calories	480
		Vitamin A, mcg RE	390
		Vitamin A, IU	1300
		Vitamin D, IU	450
		Vitamin D, mcg	11.3
		Vitamin E, IU	12.5
		Vitamin E, mg alpha-TE	6.4
		Vitamin K, mcg	60
		Vitamin C (Ascorbic Acid), mg	75
		Folic Acid (Folacin), mcg	88
		Thiamin (Vit B1), mcg	1120
		Riboflavin (Vit B2), mcg	650
		Vitamin B6, mcg	560
		Vitamin B12, mcg	0.85
		Niacin, mg NE	7.7
		Niacin, mcg	4450
		Choline, mg	95
		Biotin, mcg	23.5
		Pantothenic Acid, mcg	4000
		Inositol, mg	144
		Sodium, mg	190
		Sodium, mEq	8.3
		Potassium, mg	675
		Potassium, mEq	17.3
		Chloride, mg	325
		Chloride, mEq	9.2

Ketonex®-1

Ingredients

Unflavored

Corn Syrup Solids, High Oleic Safflower Oil, Coconut Oil, Soy Oil, L-Alanine, Modified Corn Starch, L-Proline, Less than 2% of: L-Lysine, L-Arginine, Calcium Phosphate, L-Glutamine, Potassium Phosphate, Glycine, L-Tyrosine, L-Phenylalanine, L-Serine, L-Asparagine, L-Threonine, Sodium Citrate, Potassium Citrate, Magnesium Chloride, L-Histidine, M. Alpina Oil, L-Methionine, C. Cohnii Oil, Calcium Carbonate, Citric Acid, L-Glutamic Acid, Ascorbic Acid, L-Cystine Dihydrochloride, Inositol, L-Tryptophan, Choline Chloride, L-Aspartic Acid, L-Carnitine, Taurine, Ferrous Sulfate, Ascorbyl Palmitate, Zinc Sulfate, dl-Alpha-Tocopheryl Acetate, Mixed Tocopherols, Calcium Pantothenate, Niacinamide, Manganese Sulfate, Thiamine Hydrochloride, Copper Sulfate, Vitamin A Palmitate, Riboflavin, Pyridoxine Hydrochloride, Potassium Iodide, Folic Acid, Phylloquinone, Chromium Chloride, Sodium Selenate, Sodium Molybdate, Biotin, Vitamin D3, Vitamin B12, Salt

HCPCS Code B4162

Ketonex[®]-2

Amino Acid-Modified
Medical Food



Usage

Nutrition support of children and adults with maple syrup urine disease (MSUD).

- Use under medical supervision.

Features

- Branched-chain amino acid-free to allow greater intake of intact protein.
- Nutrient profile specifically designed for children and adults.
- L-carnitine (200 mg/100 g) and taurine (125 mg/100 g) to help supply amounts normally found in foods of animal origin.
- Approximately 30% of energy as fat to help supply essential fatty acids.
- When fed according to the Abbott Nutrition Support Protocols, provides adequate amounts of all nutrients.
- Non-GMO.*
- DHA to support the brain and eyes.
- Lactose-free.
- Gluten-free, kosher, made with pareve ingredients, halal.

Precautions

- Must be supplemented with protein and fluid in prescribed amounts to completely meet isoleucine, leucine, valine and water requirements.
- Not intended as a sole source of nutrition.
- Not for infants under 1 year of age.
- Do not heat or use in cooking.
- Not for IV use.

Availability

Flavor	List No.	NDC Format Code
— 14.1-oz (400.0-g) Can; 6/case		
Unflavored	67050	70074-0670-51

Technical Data		Nutrition Information	
Unflavored		100 g (of Powder)	100 g (of Powder)
Protein, % Cal	36	Protein Equivalent, g	30.0
Carbohydrate, % Cal	34	Total Fat, g	14.0
Fat, % Cal	30	Total Carbohydrate, g	35.0
		L-Carnitine, mg	200
		Linoleic Acid, mg	2200
		Linolenic Acid, mg	225
		Calories	410
		Vitamin A, mcg RE	450
		Vitamin A, IU	1500
		Vitamin D, IU	900
		Vitamin D, mcg	22.5
		Vitamin E, IU	12
		Vitamin E, mg alpha-TE	5.9
		Vitamin K, mcg	60.0
		Vitamin C (Ascorbic Acid), mg	60.0
		Folic Acid (Folacin), mcg	425
		Vit B1 (Thiamin), mg	3.3
		Vit B2 (Riboflavin), mg	1.6
		Vitamin B6, mg	1.1
		Vitamin B12, mcg	5.0
		Niacin, mg NE	21.7
		Niacin, mg	16
		Choline, mg	100
		Biotin, mcg	100
		Pantothenic Acid, mg	8.0
		Inositol, mg	82.0
		Sodium, mg	880
		Sodium, mEq	38.3
		Potassium, mg	1370
		Potassium, mEq	35.0
		Chloride, mg	940
		Chloride, mEq	26.5
		Unflavored	Unflavored
		Calcium, mg	975
		Phosphorus, mg	760
		Magnesium, mg	225
		Iodine, mcg	100
		Manganese, mg	0.8
		Copper, mg	1.5
		Zinc, mg	13.0
		Iron, mg	13.0
		Selenium, mcg	35.0
		Chromium, mcg	27.0
		Molybdenum, mcg	30.0

Ketonex®-2

Ingredients

Unflavored

Corn Syrup Solids, L-Alanine, High Oleic Safflower Oil, Coconut Oil, Sodium Citrate, Soy Oil, L-Proline, L-Lysine Acetate, L-Arginine, Calcium Phosphate, L-Glutamine, Glycine, Magnesium Phosphate, Potassium Chloride, L-Tyrosine, Less than 2% of: L-Phenylalanine, L-Serine, Asparagine Monohydrate, L-Threonine, Silicon Dioxide, Modified Corn Starch, Potassium Citrate, L-Histidine, Potassium Phosphate, L-Methionine, C. Cohnii Oil, L-Glutamic Acid, Calcium Citrate, L-Cystine Dihydrochloride, Calcium Carbonate, L-Tryptophan, Citric Acid, L-Aspartic Acid, Ascorbic Acid, L-Carnitine, Taurine, Choline Chloride, Inositol, Ferrous Sulfate, Zinc Sulfate, Ascorbyl Palmitate, Niacinamide, Calcium Pantothenate, dl-Alpha-Tocopheryl Acetate, Mixed Tocopherols, Copper Sulfate, Thiamine Hydrochloride, Manganese Sulfate, Riboflavin, Pyridoxine Hydrochloride, Vitamin A Palmitate, Folic Acid, Biotin, Chromium Chloride, Potassium Iodide, Sodium Selenate, Phylloquinone, Sodium Molybdate, Vitamin D3, Vitamin B12

HCPCS Code B4157 or B4162

Phenex®-1

Amino Acid-Modified Infant
Formula with Iron



Usage

Nutrition support of infants and toddlers with phenylketonuria (PKU) or hyperphenylalaninemia.

- Use under medical supervision.

Features

- Phenylalanine-free to allow greater intake of intact protein.
- L-tyrosine, an essential amino acid that is often deficient in infants with PKU.
- L-carnitine (20 mg/100 g) and taurine (40 mg/100 g) to help supply amounts normally found in human milk and foods of animal origin.
- Approximately 40% of energy as fat to help achieve acceptable formula osmolality.
- 6.6% of energy as linoleic acid.
- Nutrient profile specifically designed for infants and toddlers.
- When fed according to the Abbott Nutrition Support Protocols, provides adequate amounts of all nutrients.
- Non-GMO.*
- DHA and ARA to help support brain and eye development.
- Lactose-free.
- Gluten-free, kosher, made with pareve ingredients, halal.

Precautions

- Not intended as a sole source of nutrition.
- Must be supplemented with protein and fluid in prescribed amounts to completely meet phenylalanine and water requirements.
- Do not boil mixture or use terminal sterilization.
- **Never use a microwave oven to warm formula.** Serious burns can result.
- Not for IV use.

Availability

Flavor _____ List No. _____ NDC Format Code _____

— **14.1-oz (400.0-g) Can; 6/case**

Unflavored 67052 70074-0670-53

* Ingredients not genetically engineered.

Technical Data		Nutrition Information	
Unflavored		100 g (of Powder)	100 g (of Powder)
Protein, % Cal	15.5	Protein Equivalent, g	15.0
Carbohydrate, % Cal	44.0	Total Fat, g	21.7
Fat, % Cal	40.5	Total Carbohydrate, g	53.0
		L-Carnitine, mg	20
		Linoleic Acid, mg	3650
		Linolenic Acid, mg	360
		Calories	480
		Vitamin A, mcg RE	390
		Vitamin A, IU	1300
		Vitamin D, IU	450
		Vitamin D, mcg	11.3
		Vitamin E, IU	12.5
		Vitamin E, mg alpha-TE	6.4
		Vitamin K, mcg	60
		Vitamin C (Ascorbic Acid), mg	75
		Folic Acid (Folacin), mcg	88
		Thiamin (Vit B1), mcg	1120
		Riboflavin (Vit B2), mcg	650
		Vitamin B6, mcg	560
		Vitamin B12, mcg	0.85
		Niacin, mg NE	7.7
		Niacin, mcg	4450
		Choline, mg	95
		Biotin, mcg	23.5
		Pantothenic Acid, mcg	4000
		Inositol, mg	144
		Sodium, mg	190
		Sodium, mEq	8.3
		Potassium, mg	675
		Potassium, mEq	17.3
		Chloride, mg	325
		Chloride, mEq	9.2

Phenex®-1

Ingredients

Corn Syrup Solids, High Oleic Safflower Oil, Coconut Oil, Soy Oil, Modified Corn Starch, Less than 2% of: L-Leucine, L-Tyrosine, L-Proline, L-Lysine, Calcium Phosphate, L-Glutamine, L-Valine, L-Isoleucine, L-Arginine, Potassium Phosphate, L-Alanine, Glycine, L-Asparagine, L-Serine, L-Threonine, Sodium Citrate, Potassium Citrate, Magnesium Chloride, L-Histidine, M. Alpina Oil, L-Methionine, C. Cohnii Oil, Calcium Carbonate, Citric Acid, Ascorbic Acid, Glutamic Acid, L-Cystine Dihydrochloride, Inositol, L-Tryptophan, Choline Chloride, L-Aspartic Acid, Taurine, Ferrous Sulfate, Ascorbyl Palmitate, L-Carnitine, Zinc Sulfate, dl-Alpha-Tocopheryl Acetate, Mixed Tocopherols, Calcium Pantothenate, Niacinamide, Manganese Sulfate, Thiamine Hydrochloride, Copper Sulfate, Vitamin A Palmitate, Riboflavin, Pyridoxine Hydrochloride, Potassium Iodide, Folic Acid, Phylloquinone, Chromium Chloride, Sodium Selenate, Sodium Molybdate, Biotin, Vitamin D3, Vitamin B12, Salt

HCPCS Code B4162

Phenex®-2

Amino Acid-Modified
Medical Food



Usage

Nutrition support of children and adults with phenylketonuria (PKU).

- Use under medical supervision.

Features

- Phenylalanine-free to allow greater intake of intact protein.
- Nutrient profile specifically designed for children and adults.
- L-tyrosine, an essential amino acid that is often deficient in patients with PKU.
- L-carnitine (40 mg/100 g) and taurine (125 mg/100 g) to help supply amounts normally found in foods of animal origin.
- Approximately 30% of energy as fat to help supply essential fatty acids.
- When fed according to the Abbott Nutrition Support Protocols, provides adequate amounts of all nutrients.
- Non-GMO.*
- DHA to support the brain and eyes.
- Lactose-free.
- Gluten-free, kosher, made with pareve ingredients, halal.

Precautions

- Must be supplemented with protein and fluid in prescribed amounts to completely meet phenylalanine and water requirements.
- Not intended as a sole source of nutrition.
- Not for infants under 1 year of age.
- Do not heat or use in cooking.
- Not for IV use.

Availability

Flavor	List No.	NDC Format Code
— 14.1-oz (400.0-g) Can; 6/case		
Unflavored	67054	70074-0670-55
Vanilla	67056	70074-0670-57

* Ingredients not genetically engineered.

Technical Data		Nutrition Information	
Unflavored		100 g (of Powder)	100 g (of Powder)
Protein, % Cal	30	Protein Equivalent, g	30.0
Carbohydrate, % Cal	34	Total Fat, g	14.0
Fat, % Cal	36	Total Carbohydrate, g	35.0
		L-Carnitine, mg	40
		Linoleic Acid, mg	2200
		Linolenic Acid, mg	225
		Calories	410
		Vitamin A, mcg RE	450
		Vitamin A, IU	1500
		Vitamin D, IU	900
		Vitamin D, mcg	22.5
		Vitamin E, IU	12
		Vitamin E, mg alpha-TE	5.9
		Vitamin K, mcg	60.0
		Vitamin C (Ascorbic Acid), mg	60.0
		Folic Acid (Folacin), mcg	425
		Vit B1 (Thiamin), mg	3.3
		Vit B2 (Riboflavin), mg	1.6
		Vitamin B6, mg	1.1
		Vitamin B12, mcg	5.0
		Niacin, mg NE	21.7
		Niacin, mg	16.0
		Choline, mg	100
		Biotin, mcg	100
		Pantothenic Acid, mg	8.0
		Inositol, mg	82.0
		Sodium, mg	880
		Sodium, mEq	38.3
		Potassium, mg	1370
		Potassium, mEq	35.0
		Chloride, mg	940
		Chloride, mEq	26.5
		Unflavored	Unflavored
		Calcium, mg	975
		Phosphorus, mg	760
		Magnesium, mg	225
		Iodine, mcg	100
		Manganese, mg	0.8
		Copper, mg	1.5
		Zinc, mg	13.0
		Iron, mg	13.0
		Selenium, mcg	35.0
		Chromium, mcg	27.0
		Molybdenum, mcg	30.0

Phenix®-2

Ingredients

Unflavored

Corn Syrup Solids, High Oleic Safflower Oil, Coconut Oil, Sodium Citrate, Soy Oil, L-Leucine, L-Tyrosine, L-Proline, L-Lysine Acetate, L-Glutamine, L-Valine, Calcium Phosphate, L-Isoleucine, L-Arginine, L-Alanine, Glycine, Less than 2% of: Magnesium Phosphate, Potassium Chloride, L-Asparagine Monohydrate, L-Serine, L-Threonine, Silicon Dioxide, Modified Corn Starch, L-Histidine, Potassium Citrate, Potassium Phosphate, L-Methionine, C. Cohnii Oil, L-Glutamic Acid, Calcium Citrate, L-Cystine Dihydrochloride, L-Tryptophan, Calcium Carbonate, Citric Acid, L-Aspartic Acid, Ascorbic Acid, Taurine, Choline Chloride, Inositol, Ferrous Sulfate, Zinc Sulfate, L-Carnitine, Ascorbyl Palmitate, Niacinamide, Calcium Pantothenate, dl-Alpha-Tocopheryl Acetate, Mixed Tocopherols, Copper Sulfate, Thiamine Hydrochloride, Manganese Sulfate, Riboflavin, Pyridoxine Hydrochloride, Vitamin A Palmitate, Folic Acid, Biotin, Chromium Chloride, Potassium Iodide, Sodium Selenate, Phylloquinone, Sodium Molybdate, Vitamin D3, Vitamin B12

HCPCS Code B4157 or B4162

Pro-Phree®

Protein-Free Energy Module
With Iron, Vitamins & Minerals



Usage

Nutrition support of infants and toddlers who require extra calories, minerals, and vitamins and/or protein restriction.

- Use under medical supervision.

Features

- Protein-free to permit protein restriction or the addition of extra energy, minerals, and vitamins.
- L-carnitine (25 mg/100 g) and taurine (50 mg/100 g) to help supply amounts normally found in human milk and foods of animal origin.
- Approximately 49% of energy as fat to help achieve acceptable formula osmolality.
- 7.8% of energy as linoleic acid.
- Nutrient profile specifically designed for infants and toddlers. May be used by children and adults.
- Non-GMO.*
- DHA and ARA to help support brain and eye development.
- Lactose-free.
- Gluten-free, kosher, made with pareve ingredients, halal.

Precautions

- Not intended as a sole source of nutrition.
- Must be used with a source of intact protein or amino acids and fluid to completely meet nutrient and water requirements.
- Do not boil mixture or use terminal sterilization.
- **Never use a microwave oven to warm formula.** Serious burns can result.
- Not for IV use.

Availability

Flavor _____ List No. _____ NDC Format Code _____

— **14.1-oz (400.0-g) Can; 6/case**

Unflavored 67030 70074-0670-31

* Ingredients not genetically engineered.

Technical Data		Nutrition Information	
Unflavored		100 g (of Powder)	100 g (of Powder)
Protein, % Cal	0	Unflavored	Unflavored
Carbohydrate, % Cal	51	Protein Equivalent, g	Calcium, mg
Fat, % Cal	49	Total Fat, g	Phosphorus, mg
		Total Carbohydrate, g	Magnesium, mg
		L-Carnitine, mg	Iodine, mcg
		Linoleic Acid, mg	Manganese, mcg
		Linolenic Acid, mg	Copper, mcg
		Calories	Zinc, mg
		Vitamin A, mcg RE	Iron, mg
		Vitamin A, IU	Selenium, mcg
		Vitamin D, IU	Chromium, mcg
		Vitamin D, mcg	Molybdenum, mcg
		Vitamin E, IU	
		Vitamin E, mg alpha-TE	
		Vitamin K, mcg	
		Vitamin C (Ascorbic Acid), mg	
		Folic Acid (Folacin), mcg	
		Vit B1 (Thiamin), mcg	
		Vit B2 (Riboflavin), mcg	
		Vitamin B6, mcg	
		Vitamin B12, mcg	
		Niacin, mg NE	
		Niacin, mcg	
		Choline, mg	
		Biotin, mcg	
		Pantothenic Acid, mcg	
		Inositol, mg	
		Sodium, mg	
		Sodium, mEq	
		Potassium, mg	
		Potassium, mEq	
		Chloride, mg	
		Chloride, mEq	

Pro-Phree®

Ingredients

Unflavored

Corn Syrup Solids, High Oleic Safflower Oil, Coconut Oil, Soy Oil, Modified Corn Starch, Less than 2% of: Calcium Phosphate, Potassium Phosphate, Sodium Citrate, Potassium Citrate, Magnesium Chloride, M. Alpina Oil, C. Cohnii Oil, Calcium Carbonate, Citric Acid, Ascorbic Acid, Inositol, Choline Chloride, Taurine, Ferrous Sulfate, Ascorbyl Palmitate, L-Carnitine, Zinc Sulfate, dl-Alpha-Tocopheryl Acetate, Mixed Tocopherols, Calcium Pantothenate, Niacinamide, Manganese Sulfate, Thiamine Hydrochloride, Copper Sulfate, Vitamin A Palmitate, Riboflavin, Pyridoxine Hydrochloride, Potassium Iodide, Folic Acid, Phylloquinone, Chromium Chloride, Sodium Selenate, Sodium Molybdate, Biotin, Vitamin D3, Vitamin B12, Salt

HCPCS Code B4155

Propimex® -1

Amino Acid-Modified Infant
Formula with Iron



Usage

Nutrition support of infants and toddlers with propionic or methylmalonic acidemia.

- Use under medical supervision.

Features

- Methionine- and valine-free to allow greater intake of intact protein; low in isoleucine and threonine.
- L-carnitine (900 mg/100 g) to help supply amount normally found in human milk and foods of animal origin and to help excrete toxic metabolites.
- Taurine (40 mg/100 g) to help supply amount normally found in human milk and foods of animal origin.
- Approximately 40% of energy as fat to help achieve acceptable formula osmolality.
- 6.6% of energy as linoleic acid.
- Nutrient profile specifically designed for infants and toddlers.
- When fed according to the Abbott Nutrition Support Protocols, provides adequate amounts of all nutrients.
- Non-GMO.*
- DHA and ARA to help support brain and eye development.

- Lactose-free.
- Gluten-free, kosher, made with pareve ingredients, halal.

Precautions

- Not intended as a sole source of nutrition.
- Must be supplemented with protein and fluid in prescribed amounts to completely meet isoleucine, methionine, threonine, valine and water requirements.
- Do not boil mixture or use terminal sterilization.
- **Never use a microwave oven to warm formula.** Serious burns can result.
- Not for IV use.

Availability

Flavor	List No.	NDC Format Code
— 14.1-oz (400.0-g) Can; 6/case		
Unflavored	67058	70074-0670-59

* Ingredients not genetically engineered.

Technical Data		Nutrition Information	
Unflavored		100 g (of Powder)	100 g (of Powder)
Protein, % Cal	15.5	Protein Equivalent, g	15.0
Carbohydrate, % Cal	44.0	Total Fat, g	21.7
Fat, % Cal	40.5	Total Carbohydrate, g	53.0
		L-Carnitine, mg	900
		Linoleic Acid, mg	3650
		Linolenic Acid, mg	360
		Calories	480
		Vitamin A, mcg RE	390
		Vitamin A, IU	1300
		Vitamin D, IU	450
		Vitamin D, mcg	11.3
		Vitamin E, IU	12.5
		Vitamin E, mg alpha-TE	6.4
		Vitamin K, mcg	60
		Vitamin C (Ascorbic Acid), mg	75
		Folic Acid (Folacin), mcg	88
		Thiamin (Vit B1), mcg	1120
		Riboflavin (Vit B2), mcg	650
		Vitamin B6, mcg	560
		Vitamin B12, mcg	0.85
		Niacin, mg NE	7.7
		Niacin, mcg	4450
		Choline, mg	95
		Biotin, mcg	23.5
		Pantothenic Acid, mcg	4000
		Inositol, mg	144
		Sodium, mg	190
		Sodium, mEq	8.3
		Potassium, mg	675
		Potassium, mEq	17.3
		Chloride, mg	410
		Chloride, mEq	11.6
		Unflavored	Unflavored
		Calcium, mg	575
		Phosphorus, mg	400
		Magnesium, mg	50
		Iodine, mcg	65
		Manganese, mcg	385
		Copper, mcg	408
		Zinc, mg	5.2
		Iron, mg	7.6
		Selenium, mcg	21
		Chromium, mcg	12
		Molybdenum, mcg	13.8

Propimex®-1

Ingredients

Corn Syrup Solids, High Oleic Safflower Oil, Coconut Oil, Soy Oil, L-Alanine, L-Glutamic Acid, Modified Corn Starch, Less than 2% of: L-Proline, L-Aspartic Acid, L-Arginine, L-Lysine, L-Leucine, Calcium Phosphate, Potassium Phosphate, L-Carnitine, L-Tyrosine, L-Phenylalanine, L-Serine, Sodium Citrate, L-Cystine Dihydrochloride, Potassium Citrate, Glycine, Magnesium Chloride, L-Histidine, M. Alpina Oil, C. Cohnii Oil, Calcium Carbonate, Citric Acid, Ascorbic Acid, L-Tryptophan, Inositol, Choline Chloride, L-Isoleucine, L-Threonine, Taurine, Ferrous Sulfate, Ascorbyl Palmitate, Zinc Sulfate, dl-Alpha-Tocopheryl Acetate, Mixed Tocopherols, Calcium Pantothenate, Niacinamide, Manganese Sulfate, Thiamine Hydrochloride, Copper Sulfate, Vitamin A Palmitate, Riboflavin, Pyridoxine Hydrochloride, Potassium Iodide, Folic Acid, Phylloquinone, Chromium Chloride, Sodium Selenate, Sodium Molybdate, Biotin, Vitamin D3, Vitamin B12, Salt

HCPCS Code B4162

Propimex[®]-2

Amino Acid-Modified
Medical Food



Usage

Nutrition support of children and adults with propionic or methylmalonic acidemia.

- Use under medical supervision.

Features

- Methionine- and valine-free to allow greater intake of intact protein; low in isoleucine and threonine.
- Nutrient profile specifically designed for children and adults.
- L-carnitine (1800 mg/100 g) to help supply amount normally found in foods of animal origin and to help excrete toxic metabolites.
- Taurine (125 mg/100 g) to help supply amount normally found in foods of animal origin.
- Approximately 30% of energy as fat to help supply essential fatty acids.
- When fed according to the Abbott Nutrition Support Protocols, provides adequate amounts of all nutrients.
- Non-GMO.*
- DHA to support the brain and eyes.
- Lactose-free.
- Gluten-free, kosher, made with pareve ingredients, halal.

Precautions

- Must be supplemented with protein and fluid in prescribed amounts to completely meet isoleucine, methionine, threonine, valine and water requirements.
- Not intended as a sole source of nutrition.
- Not for infants under 1 year of age.
- Do not heat or use in cooking.
- Not for IV use.

Availability

Flavor	List No.	NDC Format Code
— 14.1-oz (400.0-g) Can; 6/case		
Unflavored	67060	70074-0670-61

* Ingredients not genetically engineered.

Technical Data		Nutrition Information	
Unflavored		100 g (of Powder)	100 g (of Powder)
Protein, % Cal	36	Protein Equivalent, g	30.0
Carbohydrate, % Cal	34	Total Fat, g	13.0
Fat, % Cal	30	Total Carbohydrate, g	35.0
		L-Carnitine, mg	1800
		Linoleic Acid, mg	2200
		Linolenic Acid, mg	225
		Calories	410
		Vitamin A, mcg RE	450
		Vitamin A, IU	1500
		Vitamin D, IU	900
		Vitamin D, mcg	22.5
		Vitamin E, IU	12
		Vitamin E, mg alpha-TE	5.9
		Vitamin K, mcg	60.0
		Vitamin C (Ascorbic Acid), mg	60.0
		Folic Acid (Folacin), mcg	425
		Vit B1 (Thiamin), mg	3.3
		Vit B2 (Riboflavin), mg	1.6
		Vitamin B6, mg	1.1
		Vitamin B12, mcg	5.0
		Niacin, mg NE	21.7
		Niacin, mg	16.0
		Choline, mg	100
		Biotin, mcg	100
		Pantothenic Acid, mg	8.0
		Inositol, mg	82.0
		Sodium, mg	880
		Sodium, mEq	38.3
		Potassium, mg	1370
		Potassium, mEq	35.0
		Chloride, mg	1160
		Chloride, mEq	32.7
		Unflavored	
		Calcium, mg	975
		Phosphorus, mg	760
		Magnesium, mg	225
		Iodine, mcg	100
		Manganese, mg	0.8
		Copper, mg	1.5
		Zinc, mg	13.0
		Iron, mg	13.0
		Selenium, mcg	35.0
		Chromium, mcg	27.0
		Molybdenum, mcg	30.0

Propimex®-2
Ingredients

Corn Syrup Solids, L-Alanine, L-Glutamic Acid, High Oleic Safflower Oil, Coconut Oil, Sodium Citrate, Soy Oil, L-Proline, L-Aspartic Acid, L-Arginine, L-Lysine Acetate, L-Leucine, Calcium Phosphate, L-Carnitine, L-Tyrosine, Less than 2% of: L-Phenylalanine, L-Serine, Magnesium Phosphate, Potassium Chloride, L-Cystine Dihydrochloride, Silicon Dioxide, Glycine, Modified Corn Starch, L-Histidine, Potassium Citrate, Potassium Phosphate, C. Cohnii Oil, Calcium Citrate, L-Tryptophan, Calcium Carbonate, Citric Acid, L-Isoleucine, Ascorbic Acid, L-Threonine, Taurine, Choline Chloride, Inositol, Ferrous Sulfate, Zinc Sulfate, Ascorbyl Palmitate, Niacinamide, Calcium Pantothenate, dl-Alpha-Tocopheryl Acetate, Mixed Tocopherols, Copper Sulfate, Thiamine Hydrochloride, Manganese Sulfate, Riboflavin, Pyridoxine Hydrochloride, Vitamin A Palmitate, Folic Acid, Biotin, Chromium Chloride, Potassium Iodide, Sodium Selenate, Phylloquinone, Sodium Molybdate, Vitamin D3, Vitamin B12

HCPCS Code B4157 or B4162

ProViMin[®]

Protein-Vitamin-Mineral
Module with Iron



Usage

For use in the management of patients who require a formula modified in carbohydrate, fat, and/or increased protein: abetalipoproteinemia; cholestasis; chylothorax; fatty acid oxidation defects; glutaric aciduria type II; hyperlipoproteinemia type I (fasting chylomicronemia); hypobetalipoproteinemia; lymphangiectasis, intestinal malabsorption of carbohydrate and/or fat; supplement for any patient who requires increased protein, minerals, and vitamins; X-linked adrenoleukodystrophy.

- Use under medical supervision.

Features

- High-quality source of protein (casein).
- Virtually carbohydrate- and fat-free; provides flexibility in prescribing a formula in which the amount and type of carbohydrate and fat can be added per individual infant's need and tolerance.
- Meets the Dietary Reference Intakes and the American Academy of Pediatrics Committee on Nutrition (AAPCON) recommendations for vitamin and mineral intakes for infants when fed at a dilution of 3.25 g protein/100 Cal.
- Calcium-to-phosphorus ratio of 1.4:1, which is similar to that of standard infant formulas and meets AAPCON recommendations for that ratio.

- L-carnitine (40 mg/100 g) and taurine (110 mg/100 g).
- Lactose-free.
- Gluten-free, kosher, halal.

Precautions

- Not intended as a sole source of nutrition.
- Does not supply sufficient amounts of energy as carbohydrate, fat or linoleic acid. These nutrients should be supplied from other sources under the supervision of a physician.
- Do not boil mixture or use terminal sterilization.
- **Never use a microwave oven to prepare or warm mixture.** Serious burns can result.
- Not for IV use.

Availability

Flavor	List No.	NDC Format Code
— 5.3-oz (150.0-g) Can; 6/case		
Unflavored.....	50260.....	70074-0502-61

Technical Data		Nutrition Information	
Unflavored		100 g (of Powder)	100 g (of Powder)
Osmolality, mOsm/kg H2O	Varies With Amount of Carbohydrate, Fat and Water Added	Protein, g	73
Potential Renal Solute Load, mOsm		673	
		Total Fat, g	1.4
		Total Carbohydrate, g	2.0
		Water, g	4.0
		Linoleic Acid, mg	0.0
		Calories	313
		Vitamin A, IU	6740
		Vitamin D, IU	1000
		Vitamin E, IU	67
		Vitamin K, mcg	90
		Vitamin C (Ascorbic Acid), mg	200
		Folic Acid (Folacin), mcg	320
		Thiamin (Vit B1), mcg	2240
		Riboflavin (Vit B2), mcg	2020
		Vitamin B6, mcg	1350
		Vitamin B12, mcg	5.6
		Niacin, mcg	24000
		Choline, mg	335
		Biotin, mcg	100
		Pantothenic Acid, mcg	10100
		Inositol, mg	105
		Sodium, mg	1200
		Sodium, mEq	52
		Potassium, mg	3300
		Potassium, mEq	84
		Chloride, mg	2300
		Chloride, mEq	65
		Calcium, mg	2400
		Calcium, mEq	120
		Phosphorus, mg	1700
		Magnesium, mg	200
		Iodine, mcg	335

ProViMin®

Ingredients

Unflavored

Sodium Caseinate, Calcium Phosphate, Potassium Citrate, Potassium Chloride, Less than 2% of: Magnesium Chloride, Ascorbic Acid, Coconut Oil, Choline Chloride, Ferrous Sulfate, Taurine, M-Inositol, L-Methionine, d-Alpha-Tocopheryl Acetate, Zinc Sulfate, L-Carnitine, Niacinamide, Calcium Pantothenate, Vitamin A Palmitate, Copper Sulfate, Thiamine Hydrochloride, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Manganese Sulfate, Potassium Iodide, Phylloquinone, Biotin, Sodium Selenate, Vitamin D3, Vitamin B12, Salt, Calcium Carbonate

Contains milk ingredients.

HCPCS Code B4155

RCF[®]

No Added Carbohydrate Soy
Infant Formula Base with Iron



Usage

For use in the dietary management of patients unable to tolerate the type or amount of carbohydrate in milk or conventional infant formulas; or seizure disorders requiring a ketogenic diet.

- Use under medical supervision.

Features

- The only commercial infant formula available for the dietary management of seizures in infants.
- Formulated to allow physicians to prescribe type and amount of carbohydrate (that can be tolerated) with the assurance that other nutrient needs will be met.
- Soy protein isolate to avoid symptoms of cow's-milk-protein allergy or sensitivity.
- 1.8 mg of iron (as ferrous sulfate) per 100 Cal if carbohydrate is added to make a 20-Cal/fl-oz feeding.
- L-carnitine (3 mg/100 mL) and taurine (12 mg/100 mL).
- Lactose-free.
- Gluten-free, kosher, halal.

Precautions

- **Never use a microwave oven to prepare or warm formula.** Serious burns can result.
- Ketogenic diet: Added carbohydrate may not be recommended. Follow physician's instructions.

Availability

Flavor	List No.	NDC Format Code
— 13.0-fl oz (384.0-mL) Can; 12/case		
Unflavored.....	00108.....	70074-0401-08

Technical Data		Nutrition Information					
Unflavored		Unflavored		Unflavored		Unflavored	
		100 Cal *	100 mL †	100 Cal *	100 mL †	100 Cal *	100 mL †
Caloric Density, Cal/mL	0.81	Protein, g	3.0	4	Magnesium, mg	7.5	10
Protein, % Cal	12 (as prepared) 20 (concentrated liquid)	Total Fat, g	5.3	7.2	Magnesium, mEq	0.6	0.8
Carbohydrate, % Cal	40 (as prepared) 0 (concentrated liquid)	Total Carbohydrate, g	10.1	0.07	Iodine, mcg	15	20.3
Fat, % Cal	48 (as prepared) 80 (concentrate liquid)	L-Carnitine, mg	8.9	3	Manganese, mcg	25	34
		Taurine, mg	2.2	12	Copper, mcg	75	100
		Water, g	133	88	Zinc, mg	0.75	1
		Calories	100	81	Iron, mg	1.8	2.4
		Vitamin A, IU	300	405	Selenium, mcg	1.8	2.4
		Vitamin D, IU	60	81			
		Vitamin E, IU	1.5	2			
		Vitamin K, mcg	11	15			
		Vitamin C (Ascorbic Acid), mg	9	12			
		Folic Acid, mcg	15	20			
		Thiamin (Vit B1), mcg	60	80			
		Riboflavin (Vit B2), mcg	90	120			
		Vitamin B6, mcg	60	80			
		Vitamin B12, mcg	0.4	0.6			
		Niacin, mcg	1350	1800			
		Choline, mg	12	15.7			
		Biotin, mcg	4.5	6.1			
		Pantothenic Acid, mcg	750	1000			
		Inositol, mg	5	6.5			
		Sodium, mg	44	59.1			
		Sodium, mEq	1.9	2.6			
		Potassium, mg	108	146			
		Potassium, mEq	2.8	3.7			
		Chloride, mg	62	83			
		Chloride, mEq	1.8	2.3			
		Calcium, mg	105	140			
		Calcium, mEq	5.2	7			
		Phosphorus, mg	75	100			
		Phosphorus, mEq	4.8	6.5			

* As prepared: 54 g carbohydrate, 12 fl oz water, mixed with 13 fl oz RCF.

† Concentrated liquid.

RCF®

Ingredients

Unflavored

Water (88%), Soy Protein Isolate (5%), High Oleic Safflower Oil (3%), Soy Oil (2%), Coconut oil (2%), Less than 1% of: Calcium Phosphate, Potassium Citrate, Potassium Chloride, Magnesium Chloride, Monoglycerides, Soy Lecithin, Carrageenan, Salt, L-Methionine, Ascorbic Acid, Potassium Hydroxide, Choline Chloride, Taurine, M-Inositol, Ferrous Sulfate, Zinc Sulfate, L-Carnitine, Niacinamide, d-Alpha-Tocopheryl Acetate, Calcium Pantothenate, Cupric Sulfate, Thiamine Chloride Hydrochloride, Vitamin A Palmitate, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Potassium Iodide, Phylloquinone, Biotin, Beta-Carotene, Sodium Selenate, Vitamin D3, Cyanocobalamin

Contains soy ingredients.

HCPCS Code B4155

www.AbbottNutrition.com 191

Tyrex® -1

Amino Acid-Modified Infant Formula with Iron



Usage

Nutrition support of infants and toddlers with tyrosinemia types I, II or III.

- Use under medical supervision.

Features

- Phenylalanine- and tyrosine-free to allow greater intake of intact protein.
- L-carnitine (20 mg/100 g) and taurine (40 mg/100 g) to help supply amounts normally found in human milk and foods of animal origin.
- Approximately 40% of energy as fat to help achieve acceptable formula osmolality.
- 6.6% of energy as linoleic acid.
- Nutrient profile specifically designed for infants and toddlers.
- When fed according to the Abbott Nutrition Support Protocols, provides adequate amounts of all nutrients.
- Non-GMO.*
- DHA and ARA to help support brain and eye development.
- Lactose-free.
- Gluten-free, kosher, made with pareve ingredients, halal.

Precautions

- Not intended as a sole source of nutrition.
- Must be supplemented with protein and fluid in prescribed amounts to completely meet phenylalanine, tyrosine and water requirements.
- Do not boil mixture or use terminal sterilization.
- **Never use a microwave oven to warm formula.** Serious burns can result.
- Not for IV use.

Availability

Flavor _____ List No. _____ NDC Format Code _____

— 14.1-oz (400.0-g) Can; 6/case

Unflavored 67062 70074-0670-63

* Ingredients not genetically engineered.

Technical Data		Nutrition Information	
Unflavored		100 g (of Powder)	100 g (of Powder)
Protein, % Cal	15.5	Protein Equivalent, g	15.0
Carbohydrate, % Cal	44.0	Total Fat, g	21.7
Fat, % Cal	40.5	Total Carbohydrate, g	53.0
		L-Carnitine, mg	20
		Linoleic Acid, mg	3650
		Linolenic Acid, mg	360
		Calories	480
		Vitamin A, mcg RE	390
		Vitamin A, IU	1300
		Vitamin D, IU	450
		Vitamin D, mcg	11.3
		Vitamin E, IU	12.5
		Vitamin E, mg alpha-TE	6.4
		Vitamin K, mcg	60
		Vitamin C (Ascorbic Acid), mg	75
		Folic Acid (Folacin), mcg	88
		Thiamin (Vit B1), mcg	1120
		Riboflavin (Vit B2), mcg	650
		Vitamin B6, mcg	560
		Vitamin B12, mcg	0.85
		Niacin, mg NE	7.7
		Niacin, mcg	4450
		Choline, mg	95
		Biotin, mcg	23.5
		Pantothenic Acid, mcg	4000
		Inositol, mg	144
		Sodium, mg	190
		Sodium, mEq	8.3
		Potassium, mg	675
		Potassium, mEq	17.3
		Chloride, mg	325
		Chloride, mEq	9.2

Tyrex®-1

Ingredients

Unflavored
 Corn Syrup Solids, High Oleic Safflower Oil, Coconut Oil, Soy Oil, Modified Corn Starch, Less than 2% of: L-Leucine, L-Proline, L-Lysine, Calcium Phosphate, L-Arginine, L-Glutamine, L-Valine, L-Isoleucine, Potassium Phosphate, L-Alanine, Glycine, L-Asparagine, L-Serine, L-Threonine, Sodium Citrate, Potassium Citrate, Magnesium Chloride, L-Histidine, M. Alpina Oil, L-Methionine, C. Cohnii Oil, Calcium Carbonate, Citric Acid, L-Glutamic Acid, Ascorbic Acid, L-Cystine Dihydrochloride, Inositol, L-Tryptophan, Choline Chloride, L-Aspartic Acid, Taurine, Ferrrous Sulfate, Ascorbyl Palmitate, L-Carnitine, Zinc Sulfate, dl-Alpha-Tocopheryl Acetate, Mixed Tocopherols, Calcium Pantothenate, Niacinamide, Manganese Sulfate, Thiamine Hydrochloride, Copper Sulfate, Vitamin A Palmitate, Riboflavin, Pyridoxine Hydrochloride, Potassium Iodide, Folic Acid, Phylloquinone, Chromium Chloride, Sodium Selenate, Sodium Molybdate, Biotin, Vitamin D3, Vitamin B12, Salt

HCPCS Code B4162

Tyrex® -2

Amino Acid-Modified
Medical Food



Usage

Nutrition support of children and adults with tyrosinemia types I, II, and III.

- Use under medical supervision.

Features

- Phenylalanine- and tyrosine-free to allow greater intake of intact protein.
- Nutrient profile specifically designed for children and adults.
- L-carnitine (40 mg/100 g) and taurine (125 mg/100 g) to help supply amounts normally found in foods of animal origin.
- Approximately 30% of energy as fat to help supply essential fatty acids.
- When fed according to the Abbott Nutrition Support Protocols, provides adequate amounts of all nutrients.
- Non-GMO.*
- DHA to support the brain and eyes.
- Lactose-free.
- Gluten-free, kosher, made with pareve ingredients, halal.

Precautions

- Must be supplemented with protein and fluid in prescribed amounts to completely meet phenylalanine, tyrosine and water requirements.
- Not intended as a sole source of nutrition.
- Not for infants under 1 year of age.
- Do not heat or use in cooking.
- Not for IV use.

Availability

Flavor	List No.	NDC Format Code
— 14.1-oz (400.0-g) Can; 6/case		
Unflavored	67064	70074-0670-65

Technical Data		Nutrition Information	
Unflavored		100 g (of Powder)	100 g (of Powder)
Protein, % Cal	36	Protein Equivalent, g	30.0
Carbohydrate, % Cal	34	Total Fat, g	14.0
Fat, % Cal	30	Total Carbohydrate, g	35.0
		L-Carnitine, mg	40
		Linoleic Acid, mg	2200
		Linolenic Acid, mg	225
		Calories	410
		Vitamin A, mcg RE	450
		Vitamin A, IU	1500
		Vitamin D, IU	900
		Vitamin D, mcg	22.5
		Vitamin E, IU	12
		Vitamin E, mg alpha-TE	5.9
		Vitamin K, mcg	60.0
		Vitamin C (Ascorbic Acid), mg	60.0
		Folic Acid (Folacin), mcg	425
		Vit B1 (Thiamin), mg	3.3
		Vit B2 (Riboflavin), mg	1.6
		Vitamin B6, mg	1.1
		Vitamin B12, mcg	5.0
		Niacin, mg NE	21.7
		Niacin, mg	16.0
		Choline, mg	100
		Biotin, mcg	100
		Pantothenic Acid, mg	8.0
		Inositol, mg	82.0
		Sodium, mg	880
		Sodium, mEq	38.3
		Potassium, mg	1370
		Potassium, mEq	35.0
		Chloride, mg	940
		Chloride, mEq	26.5
		Unflavored	Unflavored
		Calcium, mg	975
		Phosphorus, mg	760
		Magnesium, mg	225
		Iodine, mcg	100
		Manganese, mg	0.8
		Copper, mg	1.5
		Zinc, mg	13.0
		Iron, mg	13.0
		Selenium, mcg	35.0
		Chromium, mcg	27.0
		Molybdenum, mcg	30.0

Tyrex®-2
Ingredients

Unflavored
 Corn Syrup Solids, High Oleic Safflower Oil, Coconut Oil, Sodium Citrate, Soy Oil, L-Leucine, L-Proline, L-Lysine Acetate, L-Arginine, L-Glutamine, Calcium Phosphate, L-Valine, L-Isoleucine, L-Alanine, Glycine, Magnesium Phosphate, Potassium Chloride, Less than 2% of: Asparagine Monohydrate, L-Serine, L-Threonine, Silicon Dioxide, Modified Corn Starch, Potassium Citrate, L-Histidine, Potassium Phosphate, L-Methionine, C. Cohnii Oil, L-Glutamic Acid, Calcium Citrate, L-Cystine Dihydrochloride, L-Tryptophan, Calcium Carbonate, Citric Acid, L-Aspartic Acid, Ascorbic Acid, Taurine, Choline Chloride, Inositol, Ferrous Sulfate, Zinc Sulfate, L-Carnitine, Ascorbyl Palmitate, Niacinamide, Calcium Pantothenate, dl-Alpha-Tocopheryl Acetate, Mixed Tocopherols, Copper Sulfate, Thiamine Hydrochloride, Manganese Sulfate, Riboflavin, Pyridoxine Hydrochloride, Vitamin A Palmitate, Folic Acid, Biotin, Chromium Chloride, Potassium Iodide, Sodium Selenate, Phylloquinone, Sodium Molybdate, Vitamin D3, Vitamin B12

HCPCS Code B4157 or B4162

Short-chain Fructooligosaccharides (scFOS)

Short-chain fructooligosaccharides (scFOS) are carbohydrates that are not digested by amylases or brush border disaccharidases in the upper digestive tract, but are fermented by normal gut flora such as bifidobacteria in the colon to short-chain fatty acids (SCFAs). Because the fermentation of scFOS by the colonic microbiota produces beneficial physiological effects, the FDA allows scFOS to be classified as dietary fiber. Although the definition of dietary fibers as either soluble or insoluble is an outdated designation, scFOS have historically been referred to as soluble fibers. scFOS are referred to as prebiotics because they stimulate the growth of healthy intestinal bacteria, (eg, bifidobacteria).¹ SCFAs perform a number of beneficial functions in the GI tract, some of which include:

- Promoting the uptake of electrolytes and water in the colon,² which is important in the management of diarrhea³
- Helping to maintain GI-tract integrity, being the preferred energy source of the colonocytes¹⁴
- Helping create an acidic environment unfavorable for pathogens^{5,6}

Medical nutritional products containing scFOS contribute to GI-tract health and can help meet the recommended daily intake for dietary fiber. Experts recommend daily fiber intake of 20 to 35 grams for adults. Due to their short chain length, scFOS are quickly fermented by gut flora.³

Abbott Nutrition offers many medical nutritionals containing scFOS. scFOS are included in Ensure[®] COMPLETE, Ensure[®] Max Protein, Ensure[®] Enlive[®], Ensure[®] Plus TN, Ensure[®] Original TN, Ensure[®] Surgery, Glucerna[®] 1.2 Cal, Glucerna[®] 1.5 Cal, Glucerna Hunger Smart[®] Shake, Glucerna Hunger Smart[®] Meal Size Shake,

Glucerna[®] Original Shake, Glucerna[®] Snack Shake, Glucerna[®] TN Shake, Jevity[®] 1.2 Cal, Jevity[®] 1.5 Cal, Nepro[®] with CARBSTEADY[®], Pedialyte AdvancedCare[®] Plus Powder, Pedialyte[®] with Immune Support, PediaSure[®] Enteral Formula 1.0 Cal with Fiber, PediaSure[®] 1.5 Cal with Fiber, PediaSure[®] Grow & Gain Shake Mix, PediaSure[®] Grow & Gain with Fiber TN Shake, PediaSure[®] Peptide 1.0 Cal, PediaSure[®] Peptide 1.5 Cal, PediaSure[®] Reduced Calorie, PediaSure SideKicks[®], Perative[®], Pivot[®] 1.5 Cal, Suplena[®] with CARBSTEADY[®], TwoCal[®] HN, Vital[®] 1.0 Cal, Vital[®] 1.5 Cal, Vital[®] AF 1.2 Cal, Vital[®] Peptide 1.5. Ensure[®] Plant-Based Protein Shake does not specifically contain scFOS, but does contain inulin, which is a source of longer-chain fructans (or fructooligosaccharides) that also have prebiotic effects.

scFOS Benefits

- Prebiotics that stimulate the growth of beneficial bacteria (eg, bifidobacteria) in the colon^{17,8}
- Fermented by bacteria in the colon to SCFAs, which help create an acidic environment unfavorable to pathogens, and stimulates water and electrolyte uptake in the colon² which is important in the management of diarrhea⁴
- Enhance calcium absorption, potentially in amounts as low as 3 g/d, though larger amounts are sometimes required⁹⁻¹¹
- Help maintain a healthy immune system¹²

References: 1. Gibson GR, et al. *J Nutr.* 1995;125(6):1401-1412. 2. Bowling TE, et al. *Lancet.* 1993;342(8882):1266-1268. 3. Field M, et al. *J Clin Invest.* 2003; 111(7):931-943. 4. Stewart ML, et al. *Nutr Res.* 2008;(28):329-334. 5. May T, et al. *Scand J Gastroenterol.* 1994;29(10):916-922. 6. Roy CC. *Nutr Clin Pract.* 2006;(21):351-366. 7. Tokunaga T, et al. *Bifidus.* 1993;6(2):143-150. 8. Bouhnik Y, et al. *Nutr J.* 2007;(6):42-48. 9. Uenishi K, et al. *Jpn J Nutr Diet.* 2002;(60):11-18. 10. Fukushima Y, et al. *J Nutr Food.* 2002;(5):49-60. 11. Ohta A, et al. *J Nutr Food.* 1999;(27):37-43. 12. Bornet F, et al. *Nutr Rev.* 2002;(60):326-334.

TN: Therapeutic Nutrition for institutional or home care.

What Is HMB and What Does it Do?

β -hydroxy- β -methylbutyrate (HMB) is a key metabolite of leucine, a branched-chain essential amino acid.^{1,2} Leucine is a nutritional signal for the initiation of muscle protein synthesis and helps maintain nitrogen balance, an indicator of the availability of protein for the body's use.³ In vitro, animal, and human studies have shown that HMB inhibits muscle breakdown and regulates protein synthesis.⁴⁻⁸ HMB is included in Ensure[®] Enlive[®] and Juven[®].

How Has HMB Been Studied?

Since 1990, there have been more than 90 studies using HMB alone or in combination with amino acids, of which more than 20 were conducted in healthy elderly, and more than 20 included clinical conditions in adults.

In addition, approximately 27 reviews, systematic reviews, meta-analyses, or position papers have been published so far.

There have been more than 65 nonclinical studies on HMB, which are necessary to advance understanding of the effects of HMB in different health and disease conditions.

Systematic reviews of randomized clinical trials by independent authors conclude HMB is safe* and supports muscle health.

Who May Benefit From HMB Supplementation?

In addition to a number of exercise studies in healthy adults, there are important studies focusing on the effects of HMB, alone or in combination with nutrients, in patients with various pre-existing illnesses and injuries. These patient populations include:

- Healthy, older adults >65 years of age⁹⁻¹³

- Malnourished, hospitalized patients¹⁴
- HIV/AIDS patients with loss of lean body mass¹⁵
- Cancer patients^{16,17}
- Critically ill trauma patients¹⁸

HMB supplementation has been shown to improve clinical outcomes in older adults^{2,14} and improve pulmonary function in ICU patients on ventilation for chronic obstructive pulmonary disease (COPD).¹⁹ Studies have also shown improvement in patients with lean body mass loss due to AIDS and patients with cancer.¹⁵⁻¹⁷ Critically ill trauma patients and bed-ridden elderly who received HMB supplementation had improved protein metabolism.^{14,19}

What Is the Recommended Dose of HMB?

3 g/day of CaHMB is recommended.

A daily dose of 3 g CaHMB is considered efficacious by researchers and clinicians alike. In clinical trials, the supplemented dose varied between 1 and 3 grams per day. Studies have demonstrated that 3 g CaHMB (2.4 g HMB) per day is beneficial to muscle health and outcomes.*

This amount is difficult to obtain from a normal diet, given the low quantity of HMB found in foods and the low conversion rate of leucine to HMB (5%).¹ While the body can produce HMB from leucine, an estimated 48 g of leucine would be required to synthesize the equivalent amount of HMB (2.4 g) in 3 g of CaHMB. That amount is beyond the bounds of a balanced diet. In fact, you would have to eat more than 6000 avocados to get the efficacious dose of HMB.²⁰

HMB plasma levels peak within 60 to 120 minutes. The plasma half-life is 2.5 hours and plasma HMB reaches baseline levels 9 hours after ingestion.² Therefore, daily supplementation with HMB may be needed for muscle health.

* There is a large body of evidence on HMB, including nutritional and toxicological considerations, showing HMB is “generally recognized as safe” (GRAS), defined by the FDA to up to CaHMB of 6 g/day.

References: 1. Nissen SL, et al. *J Nutr Biochem*. 1997;8(6):300-311. 2. Vukovich MD, et al. *J Nutr Biochem*. 2001;12(11):631-639. 3. Wilkinson DJ, et al. *J Physiol*. 2013;591(11):2911-2923. 4. Nissen S, et al. *J Appl Physiol*. 1996;81(5):2095-2104. 5. Smith HJ, et al. *Cancer Res*. 2005;65(1):277-283. 6. Smith HJ, et al. *Cancer Res*. 2004;64(23):8731-8735. 7. Alon TD, et al. *Res Commun Mol Pathol Pharmacol*. 2002;11(1-4):139-151. 8. Holeček M. *J Cachexia Sarcopenia Muscle*. 2017. doi:10.1002/jcsm.12208. 9. Stout JR, et al. *Exp Gerontol*. 2013;48(11):1303-1310. 10. Molfino A, et al. *Amino Acids*. 2013;45(6):1273-1292. 11. Baier S, et al. *JPEN J Parenter Enteral Nutr*. 2009; 33(1):71-82. 12. Flakoll P, et al. *Nutrition*. 2004;20(5):445-451. 13. Williams JZ, et al. *Ann Surg*. 2002;236(3):369-374; discussion 374-375. 14. Hsieh LC, et al. *Asia Pac J Clin Nutr*. 2006;15(4):544-550. 15. Clark RH, et al. *JPEN J Parenter Enteral Nutr*. 2000;24(3):133-139. 16. May PE, et al. *Am J Surg*. 2002;183:471-479. 17. Berk L, et al. *Support Care Cancer*. 2008;16(10):1179-1188. 18. Kuhls DA, et al. *J Trauma*. 2007;62(1):125-131; discussion 131-132. 19. Hsieh LC, et al. *Asia Pac J Clin Nutr*. 2010;19(2):200-208. 20. Zhang Z, et al. *FASEB J*. 1994;8:A464. Abstract 2685.

Daily Values and Reference Daily Intakes

Food labels report the Daily Value (DV), usually represented as both a value and a percentage of the DV (%DV), based on a 2000-kcal dietary intake for ages 4 and above. The DVs themselves are based on two reference nutrient sets for food labeling purposes: 1) Daily Reference Values (DRVs) and 2) Reference Daily Intakes (RDIs). DRVs cover total fat, saturated fat, cholesterol, total carbohydrate, dietary fiber, sodium, protein, and added sugars; RDIs cover the vitamins and minerals for everyone above the age of 4. Typically, the DV is the DRV or RDI per 2000 kcal (occasionally other caloric values are used or shown on food labels). DRVs and RDIs were revised by the FDA in 2016. The overall purpose of the DV is to aid the individual to assess the nutritional content of a particular food and compare foods.

RAE = Retinol Activity Equivalents; 1 mcg RAE = 1 mcg retinol, 2 mcg supplemental beta-carotene, 12 mcg dietary beta-carotene, or 24 mcg dietary alpha-carotene or beta-cryptoxanthin

IU = International Units

NE = Niacin Equivalents; 1 mg NE = 1 mg niacin = 60 mg tryptophan

DFE = Dietary Folate Equivalents; 1 DFE = 1 mcg naturally occurring folate = 0.6 mcg folic acid

Vitamin E = label claim is listed in mg alpha-tocopherol

1 mg alpha-tocopherol = 1 mg of natural alpha-tocopherol

1 mg alpha-tocopherol = 2 mg of synthetic alpha-tocopherol

Nutrient Base: Refers to the amount of product needed (calorie/volume) to meet or exceed 100% of the RDIs.

DRV*		2016 Value ¹
Nutrient	Unit	
Fat	78 g	
Saturated fat	20 g	
Cholesterol	300 mg	
Carbohydrate	275 g	
Sodium	2300 mg	
Fiber	28 g	
Protein	50 g	
Added sugars	50 g	

RDI*		2016 Value ¹
Nutrient	Unit	
Vitamin A	900 mcg RAE	
Vitamin C	90 mg	
Calcium	1300 mg	
Iron	18 mg	
Vitamin D	20 mcg	
Vitamin E	15 mg	
Vitamin K	120 mcg	

RDI* continued		2016 Value ¹
Nutrient	Unit	
Thiamine	1.2 mg	
Riboflavin	1.3 mg	
Niacin	16 mg NE	
Vitamin B6	1.7 mg	
Folate	400 mcg DFE	
Vitamin B12	2.4 mcg	
Biotin	30 mcg	
Pantothenic acid	5 mg	
Phosphorus	1250 mg	
Iodine	150 mcg	
Magnesium	420 mg	
Zinc	11 mg	
Selenium	55 mcg	
Copper	0.9 mg	
Manganese	2.3 mg	
Chromium	35 mcg	
Molybdenum	45 mcg	
Chloride	2300 mg	
Potassium	4700 mg	
Choline	550 mg	

* Numbers provided by FDA intended for ages 4 and above.

Reference: 1. (2016) DRV/RDI values: 81 Fed. Reg. 33742, May 2016.

Daily Water Needs for Adults*

Daily water needs should be tailored to the patient and their medical condition. Example equations:

1. 1 mL water/kcal/day
2. Holliday-Segar formula¹

To calculate the total additional water needed per day for hydration and flushing^{2,3}

1. Calculate daily water needs
2. Calculate water in prescribed amount of formula/day
3. Total water needed for flushing each day = daily fluid needs - water provided from prescribed formula/day
4. The remaining total water needed should be divided throughout the day and provided as flushes between feedings and medication administration

Estimating Energy Needs

Resting energy expenditure (REE) is most accurately measured by indirect calorimetry, which requires equipment to measure inhaled and exhaled oxygen and carbon dioxide. In the clinical setting, however, indirect calorimetry may not be feasible; therefore, predictive equations are available to estimate the REE of adults (not suitable for infants and children). Two widely used equations are 1) the original Harris-Benedict equation and 2) the Mifflin-St. Jeor equation. To address catabolism and other considerations in the clinical setting, the REE is multiplied by activity factors and/or injury factors to estimate the total energy expenditure of the patient. No equation is perfect and clinical judgment is required to estimate the final required energy and nutrient intakes.

HARRIS-BENEDICT EQUATION⁴

Men: $REE = 66.473 + (13.752 \times W) + (5.003 \times H) - (6.755 \times A)$

Women: $REE = 65.096 + (9.563 \times W) + (1.850 \times H) - (4.676 \times A)$

MIFFLIN-ST. JEOR EQUATION⁵

Men: $REE = (10 \times W) + (6.25 \times H) - (5 \times A) + 5$

Women: $REE = (10 \times W) + (6.25 \times H) - (5 \times A) - 161$

W = weight in kg; H = height in cm; A = age in years

* Please refer to Product Nutrition Information pages for water content values.

References: 1. Holliday MA, Segar WE. *Pediatrics*. 1957;19(5):823-832. 2. Lipp J, et al. *Nutr Clin Pract*. 1999;14(5):232-237. 3. Johnson TW, et al. *Nutr Clin Pract*. 2019;34(2):186-195. 4. Harris JA, et al. *A Biometric Study of Basal Metabolism in Man*. Washington, DC: Carnegie Institute of Washington; 1919. Publication No. 279. 5. Mifflin MD, et al. *Am J Clin Nutr*. 1990;51(2):241-247.

Total Energy Expenditure (TEE) = REE x Activity Factor (AF) x Injury Factor (IF)

The following multiplying factors represent a good starting point but can be modified based on the individual patient.¹

Activity Factors		Injury Factors	
Activity	Multiplying factor	Condition	Multiplying factor
Lying Still (sedated/asleep)	0.9-1.1	Medical: Inflammatory bowel disease/liver disease/pancreatic disease or similar	1.1-1.2
Lying Still (conscious)	1.0-1.1	Surgical: Transplant/fistula or similar (minor surgery)	1.1-1.4
Bed rest (moving onself in bed)	1.15-1.2	Cancer	1.2-1.4
Sitting in chair for long periods	1.1-1.3	Trauma/skeletal or head injury/minor burn or similar	1.3-1.4
Mobile (occasionally walking around ward)	1.15-1.4	Sepsis/major infection or similar	1.3-1.4
Standing for long periods	1.4-1.6	Major burns	1.4-1.6
Mobile (frequently walking around ward)	1.4-1.5	Critically ill with major surgery/trauma and mechanical ventilation (first week)	1.2-1.4
Receiving physical therapy	1.5-1.6	Critically ill with major surgery/trauma and mechanical ventilation (following 2-3 weeks)	>1.6-1.8
Very mobile	1.6-1.8		

HOW ARE STRUCTURED LIPIDS MADE?

STEP 1

Medium- and long-chain fatty acids (MCFA and LCFA) are each attached to a glycerol backbone.

STEP 2

Enzymes and chemical processes (de-esterification) detach the fatty acids from their glycerol backbone.

STEP 3

These fatty acids are then randomly rejoined (re-esterification) to create lipids containing MCFA and LCFA on the same glycerol backbone.



- **Next-generation fats**
- **Well-absorbed¹ and tolerated^{1,2}**
- **Compared with a simple physical mixture of MCT and LCT oils, preclinical studies show structured lipids:**
 - Are better absorbed^{3,4}
 - Enhance absorption of fat-soluble vitamins and antioxidants⁵
 - Help reduce muscle catabolism and improve nitrogen balance during metabolic stress⁶⁻⁹
 - Are rapidly hydrolyzed and provide increased delivery of fatty acids to systemic circulation⁴

References: 1. Kenler AS, et al. *Ann Surg.* 1996;223(3):316-333. 2. McKenna MC, et al. *J Pediatr Gastroenterol Nutr.* 1985;4(1):45-51. 3. Tso P, et al. *Am J Physiol.* 1995;268(4, pt 1): G568-G577. 4. Tso P, et al. *Am J Physiol.* 1999;277(2, pt 1): G333-G340. 5. Tso P, et al. *J Nutr.* 2001;131(8):2157-2163. 6. DeMichele SJ, et al. *Metabolism.* 1988;37(8):787-795. 7. DeMichele SJ, et al. *Am J Clin Nutr.* 1989;50(6):1295-1302. 8. Swenson ES, et al. *Metabolism.* 1991;40(5):484-490. 9. Teo TC, et al. *Ann Surg.* 1989;210(1):100-107.

Lactose Intolerance

Lactose maldigestion is the inability to digest and absorb lactose, the main carbohydrate/sugar in milk. Lactose maldigestion can result in symptoms of lactose intolerance, such as abdominal distension, gas, abdominal cramping, and diarrhea. Lactose intolerance is NOT an allergic (immune) reaction and individuals with lactose intolerance can usually tolerate a small amount of lactose in their diets.

Milk Protein Allergy

Food allergens are proteins that can provide an immune response (rash, itching, runny nose, nausea, vomiting, diarrhea) in some individuals. The proteins in milk are casein and whey. Individuals with a milk-protein allergy should avoid all milk-protein-containing ingredients.

Storage Times/Temperatures for Adult Nutritional Products

TEMPERATURE GUIDELINES

Our general recommended storage temperatures are between 32 and 95 degrees F. The most desirable temperature range for storage is between 55 degrees F and 75 degrees F. Prolonged exposure to temperatures below 32 degrees F or to direct heat above 95 degrees F could affect the physical consistency of the product. While the product within the sealed package is of sound nutritional quality, a change in the consistency of the product could temporarily affect the appearance, flavor, and other sensory attributes. We therefore do not recommend use of product exposed to adverse temperatures.

STORAGE TIMES

This information provides direction to help maintain the quality of Abbott Nutrition medical nutritional products. Users should clean the tops of containers thoroughly before opening them, and product should be covered once it is opened.

- Once product is opened, use or refrigerate within 4 hours. Discard refrigerated product after 48 hours.
- It is best to serve only what will be consumed in an hour. To serve only a portion of a container, pour desired amount into a separate container. Cover, refrigerate, and use remaining product within 48 hours.
- Drinking from the container or through a straw exposes product to significant amounts of oral bacteria. When product is to be consumed directly from the container or through a straw, refrigerate or discard remaining product within 1 hour. Consume the refrigerated product within 24 hours.
- For RTH products, follow instructions for use on the RTH shipper.
- For powder products, follow instructions for use and storage on the product label.

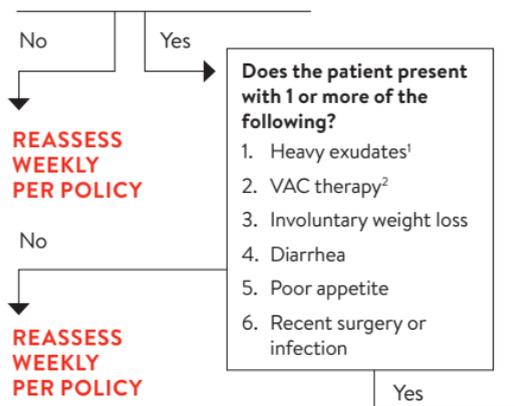
Protocol Development Guidelines for Wound Care

FIRST VISIT

- Conduct nutrition screening per policy and procedure.
- Provide direct education using Abbott handouts and document appropriately.

SECOND VISIT

- Obtain labs from PCP or draw labs if not available via PCP.
- Is the patient at nutritional risk?



INITIAL INTERVENTION¹⁻³

- Hydration: 30 mL /kg BW/day
Calories: 30-35 kcal /kg BW/day
Protein: 1.25-1.5 g /kg BW/day
- Oral supplements that can support calorie/protein needs:
- Ensure Enlive*
 - Ensure COMPLETE
 - Ensure Plus
 - Ensure Plus High Protein TN
 - Glucerna Protein Smart (if diabetic)
 - Glucerna Hunger Smart 10 fl oz (if diabetic)
 - Nepro

Add therapeutic multivitamin if not receiving recommended doses from diet and supplements.

Follow up every 7-10 days.

ADVANCED INTERVENTION^{4,5}

In addition:

- Consider increasing protein to 1.5-2.0 g /kg BW/day.
- Provide arginine, glutamine, zinc, HMB and antioxidants.

Juven* provides arginine, glutamine, HMB, hydrolyzed collagen, zinc, vitamins C, E & B₁₂ to support additional nutrient needs.

*Provides targeted nutritional therapy for patients with metabolic stress/injuries/wounds to help build lean body mass. Both products contain 1.5g CaHMB/serving. Do not exceed > 6g CaHMB/day.

References: 1. Russell L. The importance of patients' nutritional status in wound healing. *British J of Nursing*. 2001;10(6):S42-S44. 2. Haesler, E, et al. The 2014 International Pressure Ulcer Guideline: methods and development. *J of Adv Nursing*. 73(6):1515-1530. 3. European Pressure Ulcer Advisory Panel, National Pressure Injury Advisory Panel, and Pan Pacific Pressure Injury Alliance. Prevention and Treatment of Pressure Ulcers/Injuries: Clinical Practice Guideline. The International Guideline. 3rd ed. Haesler E, ed. 2019. 4. Demling RH, et al. Protein-energy malnutrition and wounds: Nutritional intervention. *Treatment of Chronic Wounds* Number 10. Hauppauge, NY: Curative Health Services, 2000. 5. Gomes F, et al. ESPEN guidelines on nutritional support for polymorbid internal medicine patients. *Clin Nutr*. 2018;37(1):336-353..

IDDSI FRAMEWORK

Food and Drink Testing of Abbott Nutrition Products

IDDSI BACKGROUND

- The International Dysphagia Diet Standardisation Initiative (IDDSI) provides standardized terminology and definitions for patients with dysphagia to describe texture-modified foods and thickened liquids.
- IDDSI testing is voluntary and not government mandated.
- The IDDSI Framework:
 - Consists of a continuum of 8 levels (0-7)
 - Provides a common terminology to describe food textures and drink thickness
 - Describes tests intended to confirm flow or textural characteristics of a product at time of testing

The IDDSI Framework

Providing a common terminology for describing food textures and drink thicknesses to improve safety for individuals with swallowing difficulties.



© The International Dysphagia Diet Standardisation Initiative 2019 @ <https://iddsi.org/framework/>

Licensed under the Creative Commons Attribution ShareAlike 4.0 License <https://creativecommons.org/licenses/by-sa/4.0/legalcode>.
Derivative works extending beyond language translation are NOT PERMITTED.

These are NOT official IDDSI resources, educational materials or education programs and they are NOT meant to replace materials and resources on www.iddsi.org

Reference: 1. The International Dysphagia Diet Standardisation Initiative 2019. <https://iddsi.org/framework/>. Accessed March 2020.

IDDSI FRAMEWORK: Food and Drink Testing of Abbott Nutrition Products (continued)

ABBOTT BACKGROUND

- **Process:** While Abbott products are not specifically designed for patients with dysphagia, Abbott applied the new IDDSI framework to test and classify oral nutritional supplements (ONS) and tube-feeding products.
- Products in different containers (eg, recloseable carton, bottle, ready-to-hang) may be in the same product family but be processed differently. Differences in processing can affect product thickness. Therefore, IDDSI levels are specified for SKU/List Numbers.
- When mixing Abbott products with thickeners, testing should be repeated in the facility.

TESTING METHODS

- Abbott Analytical Scientists reviewed the testing protocol that was completed in Abbott's Analytical Labs.
- Products were tested at refrigerated and room temperatures ($5^{\circ}\text{C} \pm 2^{\circ}\text{C}$ or $24^{\circ}\text{C} \pm 3^{\circ}\text{C}$) at beginning and end of shelf life.

• **Drink Testing:**

- Drink testing was completed using a 10-mL slip tip hypodermic syringe with measured length of 61.5 mm from the zero line to the 10-mL line as specified by IDDSI (Sept 2019 US Manufacturer code is BD™ 303134).
- ONS formulas tested were mostly Vanilla or Chocolate flavors. Other flavors (eg, Strawberry, Butter Pecan, Chocolate Caramel) use the same base formula as Vanilla or Chocolate and viscosity data shows no significant difference among them.
- For all ONS formulas, 10-mL of product was emptied from the syringe for a period of 10 seconds. The amount of liquid remaining was recorded and converted to the corresponding IDDSI level.

IDDSI FRAMEWORK: Food and Drink Testing of Abbott Nutrition Products* (continued)

PRODUCT	SKU / LIST NO.	IDDSI LEVEL [†]
Ensure Enlive (chocolate)	64283 64296 64721	1
Ensure Enlive (vanilla)	64286 64293 64760	0
Ensure Enlive (strawberry)	64281 64291	0
Glucerna Original (chocolate)	57804 62933 59890 67092	0
Glucerna Original (chocolate caramel)	66794	0
Glucerna Original (vanilla)	57801 64398 59891	0

PRODUCT	SKU / LIST NO.	IDDSI LEVEL [†]
Glucerna Original (strawberry)	57807 63458 67306	0
Glucerna Original (butter pecan)	57810	0
Glucerna Original (chocolate)	64929	0
Glucerna Original (vanilla)	64922	0
Glucerna Original (strawberry)	64925	0
Glucerna Original (butter pecan)	64927	0
Jevity 1.2 Cal	64625	0
Jevity 1.5 Cal	64628	1
Promote with Fiber (vanilla)	64631	1
TwoCal HN (vanilla)	68048	1
Ensure Original Tetra (chocolate)	64937	0
Ensure Original Tetra (vanilla)	64931	0

Use under medical supervision.

* Abbott initiated testing in Fall 2019.

† There may be variations in testing results due to methodology, user variability, temperature and/or age of products. Suitability of formulations for patients with dysphagia is the health care professionals' responsibility.

Please contact Abbott Nutrition Consumer Relations at 1-800-551-5838 with questions, or visit www.iddsi.org.

Reference: 1. The International Dysphagia Diet Standardisation Initiative 2019. <https://iddsi.org/framework/>. Accessed March 2020.

IDDSI FRAMEWORK: Food and Drink Testing of Abbott Nutrition Products* (continued)

PRODUCT	SKU / LIST NO.	IDDSI LEVEL ^{1†}
Glucerna Hunger Smart Tetra (chocolate)	67070	0
Glucerna Hunger Smart Tetra (vanilla)	67067	0
Ensure Clear (blueberry pomegranate)	56500	0
Ensure Clear (mixed fruit)	62479	0
Ensure Plus (vanilla)	57263 57755 62932 67112	1
Ensure Plus (chocolate)	57266 57756 66544	1
Ensure Plus (strawberry)	57269	1
Ensure Plus (butter pecan)	57272	1
Ensure Plus (dark chocolate)	53809	1

PRODUCT	SKU / LIST NO.	IDDSI LEVEL ^{1†}
Nepro Bottle	62585	2
Ensure Original (vanilla)	57243 53432 57753	0
Ensure Original (chocolate)	57231 57754	0
Ensure Original (strawberry)	63389 53667 57234	0
Ensure Original (coffee)	57237	0
Ensure Original (dark chocolate)	53806	0
Ensure Original Club (vanilla)	67108	0

Use under medical supervision.

* Abbott initiated testing in Fall 2019.

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Please contact Abbott Nutrition Consumer Relations at 1-800-551-5838 with questions, or visit www.iddsi.org.

Reference: 1. The International Dysphagia Diet Standardisation Initiative 2019. <https://iddsi.org/framework/>. Accessed March 2020.

IDDSI FRAMEWORK: Food and Drink Testing of Abbott Nutrition Products* (continued)

PRODUCT	SKU / LIST NO.	IDDSI LEVEL [†]
Ensure Original Club (chocolate)	67110	0
Ensure Original (banana nut)	66910	0
Ensure Plus (chocolate)	58299	0
Ensure Plus (vanilla)	58303	0
Ensure Plus (strawberry)	58301	0
Glucerna Hunger Smart (vanilla)	62882 67142 67195	0
Glucerna Hunger Smart (chocolate)	62885 67143 67198	0
Glucerna Hunger Smart (strawberry)	66534 67155	0
Glucerna Snack Shake (vanilla)	59856	0
Glucerna Snack Shake (chocolate)	59859	0
Hi-Cal	58253	1
Osmolite 1.2 Cal	64635	0

PRODUCT	SKU / LIST NO.	IDDSI LEVEL [†]
Vital 1.0 Cal	64832	0
Vital 1.5 Cal	64825	0
Vital AF 1.2 Cal	64828	0
Jevity 1.0 Cal	64759	1
Osmolite 1.5 Cal	64837	1
Perative	64816	0
Pivot 1.5 Cal	65007	1
Promote	64834	0
Ensure Clear (mixed berry)	64900	0
Ensure Clear (apple)	64903	0
Ensure High Protein (vanilla)	64117 64136 64273	0
Ensure High Protein (chocolate)	64115 64134 67275 64275	0

Use under medical supervision.

* Abbott initiated testing in Fall 2019.

† There may be variations in testing results due to methodology, user variability, temperature and/or age of products. Suitability of formulations for patients with dysphagia is the health care professionals' responsibility.

Please contact Abbott Nutrition Consumer Relations at 1-800-551-5838 with questions, or visit www.iddsi.org.

Reference: 1. The International Dysphagia Diet Standardisation Initiative 2019. <https://iddsi.org/framework/>. Accessed March 2020.

IDDSI FRAMEWORK: Food and Drink Testing of Abbott Nutrition Products* (continued)

PRODUCT	SKU / LIST NO.	IDDSI LEVEL [†]
Ensure High Protein (strawberry)	66546	0
Ensure Original (chocolate)	58293	0
Ensure Original (vanilla)	58297	0
Ensure Original (strawberry)	58295	0
Glucerna 1.0 Cal	64913	0
Osmolite 1.0 Cal	64633	0
Pulmocare	64811	0
Ensure Pre-Surgery	66437 65044	0
Ensure Surgery	65047 66436	0
Ensure Max Protein (chocolate)	66899 67005	0
Ensure Max Protein (vanilla)	67165	0
Nepro Tetra (vanilla)	64803	1
Nepro Tetra (mixed berry)	64796	1
Nepro Tetra (butter pecan)	64798	1

PRODUCT	SKU / LIST NO.	IDDSI LEVEL [†]
Ensure Plus Tetra (vanilla)	64905	0
Ensure Plus Tetra (chocolate)	64911	0
Ensure Plus 1-qt Bottle (vanilla)	58251	0
Vital HP Tetra	64820	0
Glucerna 1.2 Cal Tetra	64918	0
Glucerna 1.5 Cal Tetra	64920	1
Suplena	62088	0

Use under medical supervision.

* Abbott initiated testing in Fall 2019.

† There may be variations in testing results due to methodology, user variability, temperature and/or age of products. Suitability of formulations for patients with dysphagia is the health care professionals' responsibility.

Please contact Abbott Nutrition Consumer Relations at 1-800-551-5838 with questions, or visit www.iddsi.org.

Reference: 1. The International Dysphagia Diet Standardisation Initiative 2019. <https://iddsi.org/framework/>. Accessed March 2020.

IDDSI FRAMEWORK: Food and Drink Testing of Abbott Nutrition Products* (continued)

PRODUCT	SKU / LIST NO.	IDDSI LEVEL [†]
Ensure High Protein Tetra (vanilla)	64898	0
Ensure High Protein Tetra (chocolate)	64895	0
Ensure High Protein (creamy caramel)	67330	0

PRODUCT	SKU / LIST NO.	IDDSI LEVEL [†]
PediaSure 1.5 Cal	67378	0
PediaSure 1.5 Cal with Fiber	67374	0
PediaSure Enteral Formula 1.0 Cal	67401	0
PediaSure Enteral Formula 1.0 Cal with Fiber	67403	0
PediaSure Peptide 1.5 Cal	67417	0
PediaSure Peptide 1.0 Cal (vanilla)	67407	0
PediaSure Peptide 1.0 Cal (strawberry)	67411	0
PediaSure Peptide 1.0 Cal (unflavored)	67413	0
Vital Peptide 1.5 Cal Tetra	66236	0

Use under medical supervision.

* Abbott initiated testing in Fall 2019.

† There may be variations in testing results due to methodology, user variability, temperature and/or age of products. Suitability of formulations for patients with dysphagia is the health care professionals' responsibility.

Please contact Abbott Nutrition Consumer Relations at 1-800-551-5838 with questions, or visit www.iddsi.org.

Reference: 1. The International Dysphagia Diet Standardisation Initiative 2019. <https://iddsi.org/framework/>. Accessed March 2020.

Ready-To-Hang

Prefilled Enteral Feeding Containers

DID YOU KNOW?

Our Ready-To-Hang (RTH) prefilled enteral container is Hazard Analysis and Critical Control Point-friendly (HACCP). Ask your Abbott Nutrition Representative how RTH containers fit into HACCP recommendations:

- Step up to the convenience of the One-A-Day System.
- Safety Screw Connector Cap meets the industry standard, designed to reduce the risk of misconnections and touch contaminations.

FEATURES

- Saves nursing time.
- Minimizes handling to reduce risk of touch contamination.
- Can be hung for up to 48 hours after initial connection using a safety screw connector feeding set, when clean technique and only one new feeding set are used. Otherwise, hang for a maximum of 24 hours.*
- Semi-rigid containers stand upright to save storage space.
- No secondary outer cardboard package to remove or discard.
- A wide variety of Abbott Nutrition products are available.

HANG TIME OF ABBOTT NUTRITION TUBE-FEEDING FORMULAS

Abbott RTH prefilled enteral feeding containers have a maximum safe hang time of up to 48 hours when a new RTH container is connected to a new safety screw connector feeding set using clean technique.* Using only one feeding set per RTH container helps control the introduction of microbes from touch contamination. If more than one feeding set is used or if more than one RTH container is used with a single feeding set, the maximum safe hang time is 24 hours.

* Follow directions for use provided by manufacturer of feeding set.

THERAPEUTIC NUTRITION FOR CRITICAL CARE

PRIMARY ISSUE	Product	Benefits	ASPEN Adult Nutrition Support Therapy Guidelines ^{1,2} – Updates Made in 2022*
IMMUNE SUPPORT Trauma Burns Surgery Head/Neck Cancer	PIVOT® 1.5 CAL	<ul style="list-style-type: none"> • Arginine (supplemental) • Glutamine (inherent) • Omega-3 fatty acids (fish oil) • Elevated antioxidants • High protein 	C4 E2 M1b M2b O3 
DIALYSIS Acute and chronic kidney disease Renal failure	NEPRO® WITH CARBSTEADY®	<ul style="list-style-type: none"> • CARBSTEADY®† • High protein 	J1 J2 

Used with permission of SCCM and A.S.P.E.N.

If no grade is listed after the guideline, it is ungraded; based on expert consensus.

* Updates were made to the guidelines in 2022, but they currently do not fully replace the 2016 guidelines. Compher C, et al. *J Parenter Enteral Nutr.* 2022; 46(1):12-41.

† CARBSTEADY carbohydrate blend designed to help manage blood glucose response.

References:

1. Taylor BE, et al. *Crit Care Med.* 2016;44(2):390-438. 2. McClave SA, et al. *JPEN J Parenter Enteral Nutr.* 2016;40(2):159-211.

PRIMARY ISSUE	Product	Benefits	ASPEN Adult Nutrition Support Therapy Guidelines ^{1,2} – Updates Made in 2022*
TOLERANCE GI intolerance Malabsorption Tube-feeding associated diarrhea Pancreatitis Transitioning from TPN	VITAL® HP	<ul style="list-style-type: none"> • Peptides • High protein • Low fat • MCT • Omega-3 fatty acids (fish oil) • Vitamin D 	C4 P1 Q4 Q6 E4a      E4b E4c M1a D3b    
	VITAL® AF 1.2 CAL	<ul style="list-style-type: none"> • Peptides • MCT • Omega-3 fatty acids (fish oil) • Vitamin D 	E4b C4  
	VITAL® 1.5 CAL	<ul style="list-style-type: none"> • Peptides • MCT 	E4b 
	VITAL® 1.0 CAL	<ul style="list-style-type: none"> • Peptides • MCT 	E4b 

Used with permission of SCCM and A.S.P.E.N.

If no grade is listed after the guideline, it is ungraded; based on expert consensus.

* Updates were made to the guidelines in 2022, but they currently do not fully replace the 2016 guidelines. Compher C, et al. *J Parenter Enteral Nutr.* 2022; 46(1):12-41.

References:

1. Taylor BE, et al. *Crit Care Med.* 2016;44(2):390-438. 2. McClave SA, et al. *JPEN J Parenter Enteral Nutr.* 2016;40(2):159-211.

GUIDELINES FOR NUTRITION SUPPORT THERAPY IN THE ADULT CRITICALLY ILL PATIENT

DEFINITIONS

Nutrition therapy refers specifically to the provision of either enteral nutrition (EN) by enteral access device and/or parenteral nutrition (PN) by central venous access.

Standard therapy (STD) refers to provision of intravenous (IV) fluids, no EN or PN, and advancement to oral diet as tolerated.

Grading System

Guidelines are graded from High to Very Low as noted in parentheses or based on expert consensus. For more information on the grading system, please refer to McClave SA, et al. *JPEN J Parenter Enteral Nutr.* 2016;40(2):159-211.

A. NUTRITION ASSESSMENT

A1. A determination of nutrition risk (eg, nutritional risk screening [NRS 2002], NUTRIC score) should be performed on all patients admitted to the ICU for whom volitional intake is anticipated to be insufficient. High nutrition risk identifies those patients most likely to benefit from early EN therapy.

A2. Nutrition assessment should include an evaluation of comorbid conditions, function of the gastrointestinal (GI) tract, and risk of aspiration. The use of traditional nutrition indicators or surrogate markers is not suggested, as they are not validated in critical care.

A3a. Indirect calorimetry (IC) should be used to determine energy requirements, when available and in the absence of variables that affect the accuracy of measurement. (*Very Low*)

A3b. We suggest feeding 12-25 kcal/g (ie, the range of mean energy intakes examined) in the first 7-10 days of ICU stay.

A4. An ongoing evaluation of adequacy of protein provision should be performed.

B. INITIATE ENTERAL NUTRITION

B1. Nutrition support therapy in the form of early EN should be initiated within 24-48 hours in the critically ill patient who is unable to maintain volitional intake. (*Very Low*)

B2. We recommend that either PN or EN is acceptable. Evidence grade: High, Strength of GRADE recommendation: Strong.

B3. In the majority of MICU and SICU patient populations, while GI contractility factors should be evaluated when initiating EN, overt signs of contractility should not be required prior to initiation of EN.

B4a. The level of infusion should be diverted lower in the GI tract in those critically ill patients at high risk for aspiration (see section D4) or those who have shown intolerance to gastric EN. (*Moderate to High*)

B4b. In most critically ill patients, it is acceptable to initiate EN in the stomach.

B5. In the setting of hemodynamic compromise or instability, EN should be withheld until the patient is fully resuscitated and/or stable. Initiation/reinitiation of EN may be considered with caution in patients undergoing withdrawal of vasopressor support.

C. DOSING OF ENTERAL NUTRITION

C1. Patients who are at low nutrition risk with normal baseline nutritional status and low disease severity (eg, NRS 2002 ≤ 3 or NUTRIC score ≤ 5) who cannot maintain volitional intake do not require specialized nutrition therapy over the first week of hospitalization in the ICU.

C2. Either trophic or full nutrition by EN is appropriate for patients with acute respiratory distress syndrome (ARDS)/acute lung injury (ALI) and those expected to have a duration of mechanical ventilation ≥ 72 hours, as these 2 strategies of feeding have similar patient outcomes over the first week of hospitalization. (*High*)



C3. Patients who are at high nutrition risk (eg, NRS 2002 ≥ 5 or NUTRIC score ≥ 5 , without interleukin 6) or severely malnourished should be advanced toward goal as quickly as tolerated over 24–48 hours while monitoring for refeeding syndrome. Efforts to provide $>80\%$ of estimated or calculated goal energy and protein within 48–72 hours should be made to achieve the clinical benefit of EN over the first week of hospitalization.

C4. Sufficient (high-dose) protein should be provided. Protein requirements are expected to be in the range of 1.2–2.0 g/kg actual body weight per day and may likely be even higher in burn or multitrauma patients (see sections M and P). (*Very Low*)



D. MONITORING TOLERANCE AND ADEQUACY OF ENTERAL NUTRITION

D1. Patients should be monitored daily for tolerance of EN. Inappropriate cessation of EN should be avoided. Ordering a feeding status of nil per os (NPO) for the patient surrounding the time of diagnostic tests or procedures should be minimized to limit propagation of ileus and to prevent inadequate nutrient delivery.

D2a. GRVs should not be used as part of routine care to monitor ICU patients receiving EN.

D2b. For those ICUs where GRVs are still utilized, holding EN for GRVs <500 mL in the absence of other signs of intolerance (see section D1) should be avoided. (*Low*)

D3a. Enteral feeding protocols should be designed and implemented to increase the overall percentage of goal calories provided. (*Moderate to High*)

D3b. Use of a volume-based feeding protocol or a top-down multistrategy protocol should be considered.



D4. Patients receiving EN should be assessed for risk of aspiration and steps to reduce risk of aspiration and aspiration pneumonia should be proactively employed.

D4a. Divert the level of feeding by postpyloric enteral access device placement in patients deemed to be at high risk for aspiration (see also section B5). (*Moderate to High*)

D4b. For high-risk patients or those shown to be intolerant to bolus gastric EN, delivery of EN should be switched to continuous infusion.

D4c. In patients at high risk of aspiration, agents to promote motility, such as prokinetic medications (metoclopramide or erythromycin), should be initiated where clinically feasible. (*Low*)

D4d. Nursing directives to reduce risk of aspiration and VAP should be employed. In all intubated ICU patients receiving EN, the head of the bed should be elevated 30°–45° and use of chlorhexidine mouthwash twice a day should be considered.

D5. Neither blue food coloring nor any coloring agent should be used as a marker for aspiration of EN. Glucose oxidase strips should not be used as surrogate markers for aspiration in the critical care setting.

D6. EN should not be automatically interrupted for diarrhea but rather that feeds be continued while evaluating the etiology of diarrhea in an ICU patient to determine appropriate treatment.

E. SELECTION OF APPROPRIATE ENTERAL FORMULATION

E1. Use a standard polymeric formula when initiating EN in the ICU setting. Avoid the routine use of all specialty formulas in critically ill patients in the MICU and disease-specific formulas in the SICU.

E2. Immune-modulating enteral formulations (arginine with other agents, including eicosapentaenoic acid [EPA], docosahexaenoic acid [DHA], glutamine, and nucleic acid) should not be used routinely in the MICU. Consideration for these formulations should be reserved for patients with TBI and perioperative patients in the SICU (see sections O and M). (*Very Low*)



E3. The routine use of an enteral formulation characterized by an anti-inflammatory lipid profile (eg, omega-3 FOs, borage oil) and antioxidants in patients with ARDS and severe ALI, cannot be recommended at this time, given conflicting data. (*Low to Very Low*)



E4a. A commercial mixed fiber formula should not be used routinely in the adult critically ill patient prophylactically to promote bowel regularity or prevent diarrhea. (*Low*)



E4b. Use a commercial, mixed fiber-containing formulation if there is evidence of persistent diarrhea. Avoid both soluble and insoluble fiber in patients at high risk for bowel ischemia or severe dysmotility. We suggest considering use of small peptide formulations in the patient with persistent diarrhea, with suspected malabsorption or lack of response to fiber.



F. ADJUNCTIVE THERAPY

F1. A fermentable soluble fiber additive (eg, fructooligosaccharides [FOS], inulin) should be considered for routine use in all hemodynamically stable MICU/SICU patients placed on a standard enteral formulation. Ten to 20 g of a fermentable soluble fiber supplement should be given in divided doses over 24 hours as adjunctive therapy if there is evidence of diarrhea.

F2. While the use of studied probiotics species and strains appears to be safe in general ICU patients, they should be used only for select medical and surgical patient populations for which RCTs have documented safety and outcome benefit. The routine use of probiotics across the general population of ICU patients cannot be recommended at this time. (*Low*)

F3. A combination of antioxidant vitamins and trace minerals in doses reported to be safe in critically ill patients should be provided to those patients who require specialized nutrition therapy. (*Low*)

F4. Supplemental enteral glutamine should not be added to an EN regimen routinely in critically ill patients. (*Moderate*)

G. WHEN TO USE PARENTERAL NUTRITION

G1. In the patient at low nutrition risk (eg, NRS 2002 ≤ 3 or NUTRIC score ≤ 5), exclusive PN should be withheld over the first 7 days following ICU admission if the patient cannot maintain volitional intake and if early EN is not feasible. (*Very Low*)

G2. In the patient determined to be at high nutrition risk (eg, NRS 2002 ≥ 5 or NUTRIC score ≥ 5) or severely malnourished, when EN is not feasible, exclusive PN should be initiated as soon as possible following ICU admission.

G3. In patients at either low or high nutrition risk, use of supplemental PN should be considered after 7–10 days if unable to meet $>60\%$ of energy and protein requirements by the enteral route alone. Initiating supplemental PN prior to this 7- to 10-day period in critically ill patients on some EN does not improve outcomes and may be detrimental to the patient. (*Moderate*)

H. WHEN INDICATED, MAXIMIZE EFFICACY OF PN

H1. The use of protocols and nutrition support teams are recommended to help incorporate strategies to maximize efficacy and reduce associated risk of PN.

H2. Hypocaloric PN dosing (≤ 20 kcal/kg/d or 80% of estimated energy needs) with adequate protein (≥ 1.2 g protein/kg/d) should be considered in appropriate patients (high risk or severely malnourished) requiring PN—initially over the first week of hospitalization in the ICU. (*Low*)

H3a. Withhold or limit SO-based IVFE during the first week following initiation of PN in the critically ill patient to a maximum of 100 g/wk (often divided into 2 doses/wk) if there is concern for essential fatty acid deficiency. (*Very Low*)

H3b. Alternative IVFEs may provide outcome benefit over soy-based IVFEs; a recommendation cannot be made at this time due to lack of availability of these products in the United States. When these alternative IVFEs (SMOF [soybean oil, MCT, olive oil, and fish oil emulsion], MCT, OO,

and FO) become available in the United States, their use should be considered in the critically ill patient who is an appropriate candidate for PN.

H4. The use of standardized commercially available PN versus compounded PN admixtures in the ICU patient has no advantage in terms of clinical outcomes.

H5. A target blood glucose range of 140 or 150–180 mg/dL is recommended for the general ICU population; ranges for specific patient populations (postcardiovascular surgery, head trauma) may differ and are beyond the scope of this guideline. (*Moderate*)

H6. Parenteral glutamine supplementation should not be used routinely in the critical care setting. (*Moderate*)

H7. As tolerance to EN improves, the amount of PN energy should be reduced and finally discontinued when the patient is receiving >60% of target energy requirements from EN.

I. PULMONARY FAILURE

I1. Specialty high-fat/low-carbohydrate formulations designed to manipulate the respiratory quotient and reduce CO₂ production should not be used in ICU patients with acute respiratory failure (not to be confused with recommendation E3). (*Very Low*)

I2. Fluid-restricted energy-dense EN formulations should be considered for patients with acute respiratory failure (especially if in a state of volume overload).



I3. Serum phosphate concentrations should be monitored closely and phosphate replaced appropriately when needed.

J. RENAL FAILURE

J1. ICU patients with acute renal failure (ARF) or AKI should be placed on a standard enteral formulation, and standard ICU recommendations for protein (1.2–2 g/kg actual body weight per day) and energy (25–30 kcal/kg/d) provision should be followed. If significant electrolyte abnormalities develop, a specialty formulation designed for renal failure (with appropriate electrolyte profile) may be considered.



J2. Patients receiving frequent hemodialysis or CRRT should receive increased protein, up to a maximum of 2.5 g/kg/d. Protein should not be restricted in patients with renal insufficiency as a means to avoid or delay initiating dialysis therapy. (*Very Low*)



K. HEPATIC FAILURE

K1. A dry weight or usual weight should be used instead of actual weight in predictive equations to determine energy and protein in patients with cirrhosis and hepatic failure, due to complications of ascites, intravascular volume depletion, edema, portal hypertension, and hypoalbuminemia. Nutrition regimens should avoid restricting protein in patients with liver failure, using the same recommendations as for other critically ill patients (see section C4).

K2. EN should be used preferentially when providing nutrition therapy in ICU patients with acute and/or chronic liver disease.

K3. Standard enteral formulations should be used in ICU patients with acute and chronic liver disease. There is no evidence of further benefit of branched-chain amino acid (BCAA) formulations on coma grade in the ICU patient with encephalopathy who is already receiving first-line therapy with luminal-acting antibiotics and lactulose.

L. ACUTE PANCREATITIS

L1a. The initial nutrition assessment in acute pancreatitis should evaluate disease severity to direct nutrition therapy. Since disease severity may change quickly, frequent reassessment of feeding tolerance and the need for specialized nutrition therapy is suggested.

L1b. Providing specialized nutrition therapy to patients with mild acute pancreatitis is not suggested, instead advancing to an oral diet as tolerated. If an unexpected complication develops or there is failure to advance to oral diet within 7 days, then specialized nutrition therapy should be considered. (*Very Low*)

L1c. Patients with moderate to severe acute pancreatitis should have a naso-/oroenteric tube placed and EN started at a trophic rate and advanced to goal as fluid volume resuscitation is completed (within 24–48 hours of admission). (*Very Low*)

L2. Use of a standard polymeric formula to initiate EN in the patient with severe acute pancreatitis is suggested. Although promising, the data are currently insufficient to recommend placing a patient with severe acute pancreatitis on an immune-enhancing formulation at this time. (*Very Low*)

L3a. Use of EN over PN is suggested in patients with severe acute pancreatitis who require nutrition therapy. (*Low*)

L3b. EN should be provided to the patient with severe acute pancreatitis by either the gastric or jejunal route, as there is no difference in tolerance or clinical outcomes between these 2 levels of infusion. (*Low*)

L4. In patients with moderate to severe acute pancreatitis who have intolerance to EN, measures should be taken to improve tolerance.

L5. The use of probiotics should be considered in patients with severe acute pancreatitis who are receiving early EN. (*Low*)

L6. For the patient with severe acute pancreatitis, when EN is not feasible, use of PN should be considered after 1 week from the onset of the pancreatitis episode.

M. SURGICAL SUBSETS

Trauma

M1a. Similar to other critically ill patients, early enteral feeding with a high-protein polymeric diet should be initiated in the immediate posttrauma period (within 24–48 hours of injury) once the patient is hemodynamically stable. (*Very Low*)



M1b. Immune-modulating formulations containing arginine and FO should be considered in patients with severe trauma. (*Very Low*)



Traumatic Brain Injury

M2a. Similar to other critically ill patients, early enteral feeding should be initiated in the immediate posttrauma period (within 24–48 hours of injury) once the patient is hemodynamically stable. (*Very Low*)



M2b. Either arginine-containing immune-modulating formulations or EPA/DHA supplement with standard enteral formula should be used in patients with TBI.

Open Abdomen

M3a. Early EN (24–48 hours postinjury) is suggested in patients treated with an OA in the absence of a bowel injury.

M3b. Providing an additional 15–30 g of protein per liter of exudate lost for patients with OA is suggested. Energy needs should be determined as for other ICU patients (see section A).

Burns

M4a. EN should be provided to burn patients whose GI tracts are functional and for whom volitional intake is inadequate to meet estimated energy needs. PN should be reserved for those burn patients for whom EN is not feasible or not tolerated.

M4b. IC should be used when available to assess energy needs in burn patients with weekly repeated measures.

M4c. Patients with burn injury should receive protein in the range of 1.5–2 g/kg/d.



M4d. Very early initiation of EN (if possible, within 4–6 hours of injury) in a patient with burn injury is suggested.

N. SEPSIS

N1. Critically ill patients should receive EN therapy within 24–48 hours of making the diagnosis of severe sepsis/septic shock as soon as resuscitation is complete and the patient is hemodynamically stable.

N2. Using exclusive PN or supplemental PN in conjunction with EN early in the acute phase of severe sepsis or septic shock is not suggested, regardless of patients' degree of nutrition risk. (*Very Low*)

N3. Supplementation with selenium, zinc, and antioxidants in sepsis cannot be recommended at this time due to conflicting studies. (*Moderate*)

N4. The provision of trophic feeding (defined as 10–20 kcal/h or up to 500 kcal/d) is suggested for the initial phase of sepsis, advancing as tolerated after 24–48 hours to >80% of target energy goal over the first week. We suggest delivery of 1.2–2 g protein/kg/d.

N5. Immune-modulating formulas should not be used routinely in patients with severe sepsis. (*Moderate*)

O. POSTOPERATIVE MAJOR SURGERY (SICU ADMISSION EXPECTED)

O1. Determination of nutrition risk (eg, NRS 2002 or NUTRIC score) should be performed on all postoperative patients in the ICU and that traditional visceral protein levels (serum albumin, prealbumin, and transferrin concentrations) should not be used as markers of nutrition status.

O2. EN should be provided when feasible in the postoperative period within 24 hours of surgery, as it results in better outcomes than use of PN or STD. (*Very Low*)

O3. The routine use of an immune-modulating formula (containing both arginine and fish oils) in the SICU is suggested for the postoperative patient who requires EN therapy. (*Moderate to Low*)



O4. Enteral feeding is suggested for many patients in difficult postoperative situations such as prolonged ileus, intestinal anastomosis, OA, and need of vasopressors for hemodynamic support. Each case should be individualized based on perceived safety and clinical judgment. (*Low to Very Low*)

O5. For the patient who has undergone major upper GI surgery and EN is not feasible, PN should be initiated (only if the duration of therapy is anticipated to be ≥ 7 days). Unless the patient is at high nutrition risk, PN should not be started in the immediate postoperative period but should be delayed for 5–7 days.

O6. Upon advancing the diet postoperatively, patients should be allowed solid food as tolerated — clear liquids are not required as the first meal.

P. CHRONICALLY CRITICALLY ILL

P1. Chronically critically ill patients (defined as those with persistent organ dysfunction requiring ICU LOS >21 days) should be managed with aggressive high-protein EN therapy and, when feasible, that a resistance exercise program be used.



Q. OBESITY IN CRITICAL ILLNESS

Q1. Early EN should start within 24–48 hours of admission to the ICU for obese patients who cannot sustain volitional intake.

Q2. Nutrition assessment of the obese ICU patient should focus on biomarkers of metabolic syndrome, an evaluation of comorbidities, and a determination of level of inflammation, in addition to those parameters described for all ICU patients.

Q3. Nutrition assessment of the obese ICU patient should focus on evidence of central adiposity, metabolic syndrome, sarcopenia, BMI >40 , SIRS, or other comorbidities that correlate with higher obesity-related risk for cardiovascular disease and mortality.

Q4. High-protein hypocaloric feeding should be implemented in the care of obese ICU patients to preserve lean body mass, mobilize adipose stores, and minimize the metabolic complications of overfeeding.



Q5. For all classes of obesity, the goal of the EN regimen should not exceed 65%–70% of target energy requirements as measured by IC. If IC is unavailable, we suggest using the weight-based equation 11–14 kcal/kg actual body weight per day for patients with BMI in the range of 30–50 and 22–25 kcal/kg ideal body weight per day for patients with BMI >50. We suggest that protein should be provided in a range from 2.0 g/kg ideal body weight per day for patients with BMI of 30–40 up to 2.5 g/kg ideal body weight per day for patients with BMI \geq 40.

Q6. If available, an enteral formula with low caloric density and a reduced NPC:N should be used in the adult obese ICU patient. While an exaggerated immune response in obese patients implicates potential benefit from immune-modulating formulas, lack of outcome data precludes a recommendation at this time.



Q7. Additional monitoring is suggested to assess worsening of hyperglycemia, hyperlipidemia, hypercapnia, fluid overload, and hepatic fat accumulation in the obese critically ill patient receiving EN.

Q8. The obese ICU patient with a history of bariatric surgery should receive supplemental thiamin prior to initiating dextrose-containing IV fluids or nutrition therapy. In addition, evaluation for and treatment of micronutrient deficiencies such as calcium, thiamin, vitamin B12, fat-soluble vitamins (A, D, E, K), and folate, along with the trace minerals iron, selenium, zinc, and copper, should be considered.

R. NUTRITION THERAPY END-OF-LIFE SITUATIONS

R1. ANH (artificial nutrition and hydration) is not obligatory in cases of futile care or end-of-life situations. The decision to provide ANH should be based on evidence, best practices, clinical experience and judgment; effective communication with the patient, family, and/or authorized surrogate decision maker; and respect for patient autonomy and dignity.

Reference:

McClave SA, et al. *JPEN J Parenter Enteral Nutr.* 2016;40(2):159-211.

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If no grade is listed after the guideline, it is ungraded; based on expert consensus.

Abbott Nutrition Medical Nutritional Products Retail List Numbers

Product	Flavor	List No.	NDC Format Code
Ensure® Enlive® (8-fl-oz bottle)	Vanilla.....	64293.....	70074-0642-94
	Milk Chocolate.....	64296.....	70074-0642-97
	Strawberry.....	64291.....	70074-0642-92
Ensure® High Protein (8-fl-oz bottle)	Vanilla.....	64117.....	70074-0641-18
	Milk Chocolate.....	64115.....	70074-0641-16
	Strawberry.....	66546.....	70074-0665-47
Juven® (28.8 g packet)	Fruit Punch*.....	66691.....	59781-0666-91
Juven® (27.5 g packet)	Orange*.....	66689.....	59781-0666-89
Juven® Variety Pack (28.8 g packet/ 27.5 g packet)	Fruit Punch/Orange†.....	68033.....	59781-0680-34
Nepro® with CARBSTEADY® (8-fl-oz bottle)	Homemade Vanilla.....	63176.....	70074-0631-77
PediaSure® Grow & Gain (8-fl-oz bottle)	Vanilla.....	58049.....	70074-0580-50
	Chocolate.....	58058.....	70074-0580-59
	Strawberry.....	58055.....	70074-0580-56
	Banana.....	58052.....	70074-0580-53
	Berry.....	53818.....	70074-0538-19
PediaSure® Grow & Gain with Fiber (8-fl-oz bottle)	Vanilla.....	58061.....	70074-0580-62
	Strawberry.....	56368.....	70074-0563-69

* Retail-Specific for Amazon, Walgreens, and CVS.

† Retail-Specific for Amazon only.

Abbott Nutrition Websites

www.AbbottNutrition.com

The Abbott Nutrition website provides detailed nutrition information on all Abbott Nutrition products with links to all other Abbott Nutrition websites for health care professionals and business customers. It also offers third-party coverage information, including general Medicare, Medicaid, and private insurance policy information for many Abbott Nutrition products.

www.AbbottStore.com

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www.ANHI.org

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www.e-Abbott.com

This e-commerce tool links direct-purchase customers and Abbott Nutrition with faster invoicing and order confirmation 24 hours a day, 7 days a week. Previous orders can be repeated and changes made without re-keying. Invoices can be paid by Electronic Funds Transfer (EFT), a quick, convenient tool that has PIN-protected bank account information, email notification of open invoices, extended payment terms, and online credit memos.

www.EleCare.com

This site provides health care providers and parents with valuable information and education about EleCare® and EleCare® Jr, amino acid-based formulas. In addition, information about indications for use, with links to applicable websites, is available.

www.Ensure.com

This site is designed to help people learn more about Ensure® products and make smart choices about nutrition and lifestyle. Patients are offered the opportunity to chat live with an Abbott Nutrition dietitian, Monday through Friday, 9:00 AM to 5:00 PM EST. Outside those hours, patients are encouraged to email their questions for response within 24 hours. Patients can register for the Ensure® Healthy Matters™ e-newsletter. Each monthly newsletter contains tips, tools, and exclusive members-only coupons for future Ensure purchases. The site also offers a variety of healthy recipes and other helpful tools.

www.Glucerna.com

This site provides product-specific information about the entire family of Glucerna® products, including nutrition facts panels. Learn about the unique blends of slow-release carbohydrates and key ingredients scientifically designed to help minimize blood sugar response.

www.Juven.com

Learn how Juven® helps support wound healing. Juven.com features product information, case studies, resources and recipes for both consumers and HCPs.

www.Nepro.com

Helps consumers learn about Nepro® with CARBSTEADY®, a therapeutic nutrition drink designed to help meet the nutrition needs of patients on dialysis. Nepro is formulated to be high in protein while low in potassium, phosphorus, and sodium. Nepro.com features dialysis nutrition resources, information, and recipes.

www.Pedialyte.com

This site provides parents and adults with valuable information on Pedialyte® oral electrolyte solution—the #1 pharmacist- and pediatrician-recommended brand for hydration. Pedialyte helps prevent dehydration due to heat exhaustion, travel, and intense exercise, in addition to diarrhea and vomiting. Pedialyte.com helps educate parents and adults about the multiple causes of dehydration and how Pedialyte helps kids and adults rehydrate and feel better fast!

www.PediaSure.com

Learn more about how PediaSure® provides balanced nutrition for children's growth and development. The website offers information and education on PediaSure® Complete, Balanced Nutrition®, the #1 children's nutritional supplement to help kids grow. Parents can sign up for special offers and download PediaSure recipes that help add calories to their child's diet.

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