NUTRICIA

GLUTARADE® ESSENTIAL

A lysine-free, low tryptophan, powdered medical food containing a balanced mix of essential and non-essential amino acids, carbohydrates (including fiber), fat (including DHA and EPA), vitamins, minerals and trace elements.

Must be used under medical supervision

Indication: Glutaric Aciduria Type 1 (GA-1) and Pyridoxine-Dependent Epilepsy (PDE)

Suitable for individuals over 1 year of age.

Nutrition Information:

Nutrients	Per 100 g of powder	Per 40 g of powder
Calories	382	153
Protein Equivalent, g	25.0	10.0
Fat, g	10.1	4.0
Saturated, g	4.3	1.7
Monounsaturated, g	3.8	1.5
Polyunsaturated, g	2.0	0.8
DHA, mg	160	64.0
EPA, mg	40.0	16.0
Carbohydrate, g	50.3	20.0
Fiber, g	3.9	1.5
Amino Acids, g		
L-Alanine	1.20	0.48
L-Arginine	2.7	1.08
L-Asparagine	1.8	0.72
L-Cystine	0.45	0.18
L-Glutamic Acid	0.9	0.36
L-Glutamine	4.51	1.8
Glycine	0.6	0.24
L-Histidine	0.9	0.36
L-Isoleucine	2.1	0.84
L-Leucine	3.46	1.38
L-Lysine	Nil Added	Nil Added
L-Methionine	1.02	0.41
L-Phenylalanine	1.59	0.64
L-Proline	1.5	0.6
L-Serine	0.6	0.24
L-Threonine	1.59	0.64
L-Tryptophan	0.15	0.06
L-Tyrosine	1.8	0.72
L-Valine	2.4	0.96
L-Carnitine	0.06	0.02
Taurine	0.13	0.05

Vitamins	Per 100 g of powder	Per 40 g of powder
Total Vitamin A, mcg RAE	510	204
Vitamin A (from Vitamin A Acetate), mcg RAE	383	153
Vitamin A (from Betacarotene), mcg RAE	128	51.0
Vitamin D_3, mcg	15.0	6.0
Vitamin E, mg α-TE	12.8	5.1
Vitamin K_1, mcg	70.0	28.0
Thiamine, mg	1.5	0.60
Riboflavin, mg	1.5	0.60
Vitamin B_6, mg	1.4	0.56
Vitamin B_{12}, mcg	3.0	1.2
Niacin, mg	15.5	6.2
Folic Acid, mcg	300	120
Pantothenic Acid, mg	7.5	3.0
Biotin, mcg	30.0	12.0
Vitamin C, mg	60.0	24.0
Choline, mg	313	125
Inositol, mg	50.0	20.0
Minerals		
Calcium, mg	1206	482
Phosphorus, mg	787	315
Magnesium, mg	201	80.0
Iron, mg	11.3	4.5
Zinc, mg	10.0	4.0
Manganese, mg	1.9	0.76
Copper, mcg	1000	400
Iodine, mcg	115	46.0
Molybdenum, mcg	31.0	12.4
Chromium, mcg	21.0	8.4
Selenium, mcg	63.0	25.2
Sodium, mg	328	131
Potassium, mg	874	350
Chloride, mg	475	190

Ordering/Reimbursement Information for GlutarAde® Essential:

Product Code	Reimbursement Code	HCPCS Code*	Product Packaging	Calories Per Can
NEW CODE! 201518 (Previously 120462) - Vanilla	49735-0101-76	B4157 or B4162	6 x 454 g (1 lb)	1734

* S9435 = For individuals who submit their bills to insurance on their own.

Ingredients:

Corn Syrup Solids, Sugar, L-Glutamine, L-Leucine, Medium Chain Triglycerides (Coconut and/or Palm Kernel Oil), Natural and Artifical Flavors, Dicalcium Phosphate, L-Arginine, L-Valine, High Oleic Sunflower Oil, L-Isoleucine, L-Asparagine Monohydrate, and contains less than 2% of the following: Soy Fiber, Microcrystalline Cellulose, Gum Arabic, Corn Starch, Inulin, Fructooligosaccharides, L-Tyrosine, Canola Oil, Sunflower Oil, L-Phenylalanine, L-Threonine, L-Proline, Potassium Citrate, L-Alanine L-Methionine, Sodium Citrate, Potassium Chloride, L-Glutamic Acid, L-Histidine, Choline Bitartrate, Glycine, L-Serine, L-Cystine, *Schizochytrium sp* . Oil*, Magnesium Oxide, Citric Acid Esters of Mono- and Diglycerides, Modified Corn Starch, Silicon Dioxide, L-Tryptophan, Taurine, Sodium L-Ascorbate, L-Ascorbic Acic, Inositol, Ferrous Sulfate, Vitamin E Acetate, L-Carnitine, Sunflower Lecithin, Niacinamide, Tricalcium Phosphate, Zinc Sulfate, Ascorbyl Palmitate, Sucralose, Calcium D-Pantothenate, Copper Sulfate, Vitamin K_1, Vitamin D_3, Manganese Sulfate, Vitamin A Acetate, Mono- and Diglycerides, D-Biotin, Beta-Carotene, Pyridoxine Hydrochloride, Potassium Iodide, Riboflavin, Thiamine Hydrochloride, Sodium Selenite, Folic Acid, Vitamin B_{12}, Chromium Chloride, Sodium Molybdate.

CONTAINS: SOY

*With docosahexaenoic acid (DHA) and eicosapentaenoic acid (EPA)

Directions for Use:

1. Simply add 40 g (approx. ¼ cup, level and unpacked) to approx. 7 fl oz (210 mL) of cold water. Dilution may be adjusted to personal taste. For greater accuracy, use a gram scale.
2. Cover with a tight-fitting lid and shake until fully blended.
3. Best served immediately.

Do not heat, bake or add to food or beverages above 130°F.

Storage:

Store unopened cans in a cool, dry place away from sunlight. Avoid extreme temperatures. Once a can is opened, reseal with lid provided and use within one month.

Important Notice:

Must only be used under medical supervision. For oral or tube feedings. Not for parenteral use. Not suitable as a sole source of nutrition. Only suitable for individuals over 1 year of age with proven glutaric aciduria type 1 (GA-1) or pyridoxine-dependente epilepsy (PDE).

Brought to you by Nutricia North America
GlutarAde® Essential is a medical food for the dietary management of glutaric aciduria type 1 (GA-1) or pyridoxine-dependent epilepsy (PDE) and must be used under medical supervision.
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