

GLUTARADE[®] ESSENTIAL

A lysine-free, low tryptophan, powdered medical food containing a balanced mix of essential and non-essential amino acids, carbohydrates, fat, 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 years of age.

Nutrition Information:

Nutrients	Per 100 g of powder	Per 40 g Powder (1 scoop)
Calories	357	143
Protein Equivalent, g	25	10
Fat, g	9.7	3.9
Saturated, g	4.3	1.7
Monounsaturated, g	3.6	1.5
Polyunsaturated, g	1.7	0.7
Linoleic Acid, mg	1478	591
α -Linolenic Acid, mg	375	150
Carbohydrate, g	44	18
Fiber, g	3.9	1.6
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-Ornithine	0.6	0.24
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	0.04	0.01
Taurine	0.15	0.06

Vitamins	Per 100 g of powder	Per 40 g Powder (1 scoop)
Vitamin A, IU (mcg RE) (25% as beta-carotene)	1700 (637)	680 (255)
Vitamin D ₃ , IU (mcg)	600 (15.0)	240 (6.0)
Vitamin E, IU (mg α -TE)	19.1 (12.8)	7.6 (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	8.6
Selenium, mcg	63.0	25.0
Sodium, mg	293	117
Potassium, mg	874	350
Chloride, mg	475	190

Ordering/Reimbursement Information for GlutarAde® Essential:

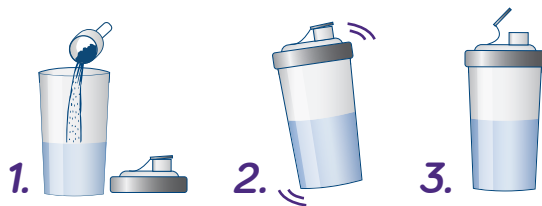
Product Code	Reimbursement Code	HCPCS Code*	Product Packaging	Calories Per Can
120462 - Vanilla	00847-0754-22	B4157 or B4162	4 x 454 g (1 lb)	1620

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

Ingredients:

Sugar, Maltodextrin, Dextrin, L-Glutamine, L-Leucine, Medium chain triglycerides (Coconut and/or Palm kernel oil), Natural and Artificial Flavor, L-Arginine, Dicalcium Phosphate, High Oleic Sunflower Oil, L-Valine, L-Isoleucine, L-Asparagine Monohydrate, L-Tyrosine, Canola Oil, Sunflower Oil, L-Phenylalanine, L-Threonine, L-Proline, Potassium Citrate, Tricalcium Phosphate, L-Ornithine-Alpha Ketoglutarate, L-Alanine, L-Methionine, Sodium Citrate, Potassium Chloride, L-Glutamic Acid, L-Histidine, Choline Bitartrate, Glycine, L-Serine, L-Cystine, Flaxseed Oil, Magnesium Oxide, Citric Acid Esters of Mono- and Diglycerides (CITREM), Modified Corn Starch, Silicon Dioxide, L-Tryptophan, Taurine, Sodium Chloride, Ascorbic Acid, Inositol, Ferric Orthophosphate, Vitamin E Acetate, L-Carnitine, Sunflower Lecithin, Niacinamide, Calcium Phosphate, Zinc Oxide, Ascorbyl Palmitate, Sucralose, Calcium D-Pantothenate, Copper Gluconate, Vitamin K₁, Vitamin D₃, Manganese Sulfate, Vitamin A Palmitate, Mono- and Diglycerides, D-Biotin, Beta-carotene, Pyridoxine Hydrochloride, Potassium Iodide, Riboflavin, Thiamin Mononitrate, Sodium Selenite, Folic Acid, Vitamin B₁₂, Chromium Chloride, Sodium Molybdate.

Mixing Instructions:



1. Simply add 1 scoop (40 g) to approx. 7 fl oz (210 mL) of 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. Enjoy immediately or store formula in a refrigerator for no more than 24 hours from time of preparation. Shake or stir prepared stored formula again before use.

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

Storage:

Store unopened cans at room temperature 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-Dependent Epilepsy (PDE).

