



DESCRIPTION

Powdered Low Phenylalanine and Tyrosine Medical Food

A blend of whey protein isolate (glycomacropeptide – GMP), essential and non-essential amino acids, carbohydrate, fat (including docosahexaenoic acid – DHA), vitamins and minerals.

USE UNDER MEDICAL SUPERVISION

INDICATIONS

For use in the dietary management of Tyrosinemia from 3 years of age.

DOSAGE AND ADMINISTRATION

To be determined by the clinician or dietitian and is dependent on the age, body weight, and medical condition of the patient.

Each 35 g packet of TYR sphere20 provides 20 g of protein equivalent, contains 30 mg of phenylalanine, and less than 10.5 mg of tyrosine.

PREPARATION GUIDELINES

1. Measure 120 ml of cold water into a cup with a lid.
2. Add 1 packet of TYR sphere20.
3. Secure lid and shake until powder is fully dissolved.
4. TYR sphere20 is now ready to use.

The product should be freshly prepared and consumed immediately.

However, if this is not possible, any prepared product must be tightly covered and consumed within 4 hours at room temperature or within 24 hours if refrigerated.

Re-shake before use.

IMPORTANT NOTICE

Must only be consumed by people with proven Tyrosinemia under strict medical supervision.

Diet must be supplemented with natural protein, water, and other nutrients in prescribed quantities to supply phenylalanine, tyrosine, fluid, and general nutrition requirements.

Not for intravenous use.

For enteral use only (tube and oral feeding).

Not for use as a sole source of nutrition.

STORAGE

Store in a cool dry place.

Packets are designed for single use and should be used immediately once opened.

Ordering and Reimbursement Information

TYR sphere20				
Flavor	Packaging	Product Code	Reimbursement Code	HCPCS Code
Red Berry	30 x 35 g packets	812539022091	12539-0022-09	B4157 & B4162
Vanilla	30 x 35 g packets	12539002587	12539-0025-87	B4157 & B4162

TYR sphere20 Nutrition Information

	Units	Red Berry per 100 g	Red Berry per 35 g (1 packet)	Vanilla per 100 g	Vanilla per 35 g (1 packet)
Calories	kcal	340	120	330	120
Protein equivalent	g	56	20	56	20
L-Phenylalanine	g	86	30	86	30
L-Tyrosine	g	<30	<10.5	<30	<10.5
Total carbohydrate	g	18	6.3	17	6.0
Sugars	g	4.5	1.6	7.0	2.5
Total fat	g	4.5	1.6	4.5	1.6
Saturated fat	g	1.0	0.4	1.5	0.5
Docosahexaenoic acid (DHA)	mg	314	110	314	110
VITAMINS					
Vitamin A	µg RE	690	241	690	241
Vitamin D	µg	12	4.2	12	4.2
Vitamin E	mg α TE	14	4.9	14	4.9
Vitamin C	mg	80	28	80	28
Vitamin K	µg	59	21	59	21
Thiamin	mg	1.5	0.52	1.5	0.52
Niacin	mg	8.6	3.0	8.6	3.0
Riboflavin	mg	1.5	0.52	1.5	0.52
Vitamin B6	mg	1.4	0.49	1.4	0.49
Folic acid	µg	260	91	260	91
Vitamin B12	µg	4.1	1.4	4.1	1.4
Pantothenic acid	mg	5.1	1.8	5.1	1.8
Choline	mg	510	178	510	178
Biotin	µg	32	11	32	11
MINERALS					
Sodium	mg	810	283	810	283
Potassium	mg	590	206	590	206
Chloride	mg	20	7.0	20	7.0
Calcium	mg	1010	353	1010	353
Phosphorus	mg	1050	367	1050	367
Magnesium	mg	290	101	290	101
Iron	mg	19	6.6	19	6.6
Copper	mg	1.5	0.52	1.5	0.52
Zinc	mg	19	6.6	19	6.6
Manganese	mg	1.0	0.35	1.0	0.35
Iodine	µg	210	74	210	74
Molybdenum	µg	51	18	51	18
Selenium	µg	76	27	76	27
Chromium	µg	30	10	30	10
AMINO ACIDS					
L-Alanine	g	2.36	0.83	2.36	0.83
L-Arginine	g	4.87	1.70	4.87	1.70
L-Aspartic acid	g	3.74	1.31	3.74	1.31
L-Cystine	g	0.69	0.24	0.69	0.24
L-Glutamine	g	7.72	2.70	7.72	2.70
Glycine	g	7.09	2.48	7.09	2.48
L-Histidine	g	2.01	0.70	2.01	0.70
L-Isoleucine	g	4.06	1.42	4.06	1.42
L-Leucine	g	8.62	3.02	8.62	3.02
L-Lysine	g	2.73	0.96	2.73	0.96
L-Methionine	g	0.80	0.28	0.80	0.28
L-Proline	g	4.58	1.60	4.58	1.60
L-Serine	g	2.88	1.01	2.88	1.01
L-Threonine	g	6.55	2.29	6.55	2.29
L-Tryptophan	g	1.15	0.40	1.15	0.40
L-Valine	g	3.27	1.14	3.27	1.14

RED BERRY (artificially flavored)

Ingredients: Whey Protein Isolate (Milk), L-Leucine, Natural and Artificial Flavor, Glycine, Modified Corn Starch, L-Arginine, Sugar, Soy Lecithin, Calcium Lactate, Magnesium Phosphate, Calcium Phosphate, Dried Corn Syrup, L-Histidine, Choline Bitartrate, Refined Tuna Oil (Fish), L-Tryptophan, Beet Juice Concentrate (Color), L-Lysine, L-Aspartate, L-Cystine, Sodium Ascorbate, Zinc Gluconate, Maltodextrin, Sucralose, Dipotassium Phosphate, Ferrous Sulfate, L-Methionine, DL-Alpha Tocopheryl Acetate, Potassium Iodide, Mono- and Diglycerides, Chromium Chloride, Sodium Selenite, Sodium Molybdate, Copper Gluconate, Niacinamide, Manganese Gluconate, Vitamin A Acetate, Calcium Pantothenate, Vitamin D3, Vitamin B12, Biotin, Folic Acid, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Vitamin K1, Tocopherols (Preservative).

Contains: Fish (Tuna), Milk, Soy.

Osmolality

35 g (1 packet) + 120 ml (4 fl oz) water = 1000 mOsm/kg

VANILLA (artificially flavored)

Ingredients: Whey Protein Isolate (Milk), L-Leucine, Glycine, Natural and Artificial Flavor, Sugar, L-Arginine, Modified Corn Starch, Soy Lecithin, Calcium Lactate, Magnesium Phosphate, Calcium Phosphate, Dried Corn Syrup, L-Histidine, Choline Bitartrate, Refined Tuna Oil (Fish), L-Tryptophan, L-Lysine, L-Aspartate, L-Cystine, Sodium Ascorbate, Zinc Gluconate, Maltodextrin, Sucralose, Ferrous Sulfate, Dipotassium Phosphate, L-Methionine, DL-Alpha Tocopheryl Acetate, Potassium Iodide, Sodium Selenite, Mono- and Diglycerides, Copper Gluconate, Niacinamide, Manganese Gluconate, Vitamin A Acetate, Sodium Molybdate, Calcium Pantothenate, Vitamin D3, Chromium Chloride, Vitamin B12, Biotin, Folic Acid, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Vitamin K1, Tocopherols (Preservative).

Contains: Fish (Tuna), Milk, Soy.

Osmolality

35 g (1 packet) + 120 ml (4 fl oz) water = 960 mOsm/kg

Manufactured in Netherlands for: Vitaflo USA, LLC.
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