

NUTRICIA PKU **GMPPro Ultra**

PKU GMPRO ULTRA LEMONADE POWDER

DESCRIPTION

Food for special medical purposes: PKU GMPPro ULTRA Lemonade is a lemon flavoured, nutritionally incomplete, low-phenylalanine* powdered drink mix containing glycomacropeptide (GMP), with essential and non-essential amino acids, vitamins, minerals, trace elements and a small amount of carbohydrate and fat.

INDICATIONS

For the dietary management of proven phenylketonuria (PKU) in children aged 3 years onwards and adults.

PREPARATION AND ADMINISTRATION

Recommended Feed Concentration is 33.4g powder (1 sachet) made up with 180ml water to give a final volume of 210ml. A lower concentration may be required according to individual tastes and tolerance.

Water or additional fluid should be offered at the same time as PKU GMPPro ULTRA Lemonade to ensure adequate fluid intake.

MIXING INSTRUCTIONS

1. Wash hands. Use clean equipment to prepare feed.
2. Measure the required amount of cold water into a container and add the prescribed quantity of PKU GMPPro ULTRA Lemonade.
3. Cover with a tight-fitting lid and shake the product until the powder has dissolved.
4. PKU GMPPro ULTRA Lemonade is best served chilled and should be consumed immediately.

ADMINISTRATION GUIDELINES

The daily amount of PKU GMPPro ULTRA should be determined by a clinician or dietitian and will vary from person to person according to individual needs.

PKU GMPPro ULTRA can be used as the sole source of low-Phe protein or used in combination with other protein substitutes for PKU (e.g. PKU GMPPro MIXIN, PKU GMPPro LQ, PKU Lophlex, PKU Anamix Junior).

STORAGE

Store in a cool, dry place away from sunlight. Once opened, content should be used up immediately.

PACK SIZE

30 x 33.4g sachets.

GENERAL PRECAUTIONS

Suitable for individuals from 3 years of age. Not suitable for children under 3 years of age. Not for parenteral use. Use under medical supervision. Not suitable for use as a sole source of nutrition. Not suitable for individuals with a cow's milk allergy.

PKU GMPPro ULTRA Lemonade should not be used as a sole source of protein but must be given in conjunction with natural protein and other nutrients to supply phenylalanine, fluid and general nutrition requirements of the patient in medically prescribed quantities. Monitor micronutrient intakes to ensure an individual's intakes are optimal.

*PKU GMPPro ULTRA Lemonade contains 36mg PHE per 33.4 g serving.

INGREDIENTS

Casein glycomacropeptide (GMP) isolate (48.29%) (from cow's milk), L-Leucine, Sugar, L-Tyrosine, Flavour enhancer (E330), L-Arginine, Flavouring, Magnesium hydrogen phosphate, L-Histidine, Tricalcium phosphate, L-Valine, L-Cystine, Dried Glucose Syrup, L-Tryptophan, Calcium hydrogen phosphate, Potassium chloride, Maltodextrin, Choline bitartrate, Calcium carbonate, Potassium citrate, Sodium chloride, Anticaking agent (E551), Taurine, L-Ascorbic acid, Sweetener (Sucralose), L-Carnitine, Inositol, Ferrous sulphate, DL-alpha Tocopheryl acetate, Nicotinamide, Zinc oxide, Copper gluconate, Calcium D-pantothenate, Thiamine hydrochloride, Manganese sulphate, Pyridoxine hydrochloride, Riboflavin, Retinyl palmitate, Sodium selenite, Beta-Carotene, Sodium molybdate, Potassium iodide, Chromium chloride, Folic acid, Phytomenadione, D-Biotin, Cholecalciferol, Cyanocobalamin



PKU GMPRO ULTRA LEMONADE POWDER

COMPONENT	UNIT	Per 100g Powder	Per 100kcal	Per 33.4g Serving	Per 100ml*
Energy	kJ	1240	425	414	197
	kcal	292	100	98.0	46.4
Protein/protein equivalent	g	60.0	20.5	20.0	9.5
Carbohydrate	g	13.4	4.6	4.5	2.1
Sugars	g	8.3	2.8	2.8	1.3
Lactose	g	0.05	0.02	0.02	0.01
Fat	g	0.19	0.07	0.06	0.03
Saturates (of which MCT)	g	<0.1	<0.03	<0.03	<0.02
Dietary fibre	g	0	0	0	0
Salt	g	2.8	0.86	0.92	0.44
Minerals and trace elements					
Sodium (Na)	mg	1006	345	336	160
	mmol	48.1	16.5	16.1	7.6
Potassium (K)	mg	1571	538	525	250
	mmol	40.2	13.8	13.4	6.4
Chloride (Cl)	mg	792	27.1	265	126
	mmol	22.3	7.6	7.4	3.5
Calcium (Ca)	mg	1442	494	482	229
	mmol	36.0	12.3	12.0	5.7
Phosphorus (P) or Phosphate as PO4	mg	1416	485	473	225
	mmol	45.7	15.7	15.3	7.3
Magnesium	mg	347	119	116	55.2
	mmol	14.3	4.9	4.8	2.3
Ca / P ratio	-	1.0	1.0	1.0	-
Iron	mg	18.0	6.2	6.0	2.9
Copper	mg	16	0.56	0.5	0.26
Zinc	mg	14.0	4.8	4.7	2.2
Manganese	mg	1.0	0.34	0.3	0.16
Iodine	µg	188	54.4	62.8	29.9
Molybdenum	µg	73.0	25.0	24.4	11.6
Selenium	µg	73.0	25.0	24.4	11.6
Chromium	µg	51.0	17.5	17.0	8.1
Vitamins					
Vitamin A	µg RE	551	189	184	87.6
	IU	1836	629	613	292
Vitamin D3	µg	27.0	9.2	9.0	4.3
	IU	1080	370	361	172
Vitamin E	mg-α-TE	18.4	6.3	6.1	2.9
	IU	27.6	9.5	9.2	4.4
Vitamin C	mg	86.4	29.6	28.9	13.7
Vitamin K1	µg	86.4	29.6	28.9	13.7
Thiamin (B1)	as base	mg	1.7	0.58	0.57
	as HCl	mg	2.2	0.75	0.73
Riboflavin (B2)	mg	2.2	0.75	0.73	0.35
Niacin (B3)	mg	18.0	6.2	5.0	2.9
	mg NE	43.0	14.7	14.4	6.8
Vitamin B6	mg	2.0	0.68	0.67	0.32
Folic acid	µg	240	82.2	80.2	38.2
Vitamin B12	µg	4.3	1.5	1.4	0.68
Biotin	µg	43.2	14.8	14.4	6.9
Pantothenic acid (B5)	mg	6.0	2.1	2.0	1.0
Choline	mg	360	123	120	57.2
Myo-inositol	mg	71.3	24.4	23.8	11.3
Beta-carotene	µg	102	34.9	34.1	16.2
Amino Acids					
L-Alanine	g	2.4	0.82	0.80	0.38
L-Arginine	g	3.0	1.0	1.0	0.48
L-Aspartic acid	g	3.6	1.2	1.2	0.57
L-Cyst(e)ine	g	1.7	0.58	0.57	0.27
L-Glutamic Acid	g	8.0	2.7	2.7	1.3
L-Glutamine	g	0	0	0	0
Glycine	g	0.42	0.14	0.14	0.07
L-Histidine	g	2.4	0.82	0.80	0.38
L-Isoleucine	g	4.4	1.5	1.5	0.70
L-Leucine	g	9.0	3.1	3.0	1.4
L-Lysine	g	2.6	0.88	0.86	0.41
L-Methionine	g	0.80	0.27	0.27	0.13
L-Phenylalanine	mg	108	37.0	36.0	17.2
L-Proline	g	4.8	1.6	1.6	0.76
L-Serine	g	3.0	1.0	1.0	0.48
L-Threonine	g	6.8	2.3	2.3	1.1
L-Tryptophan	g	1.4	0.48	0.47	0.22
L-Tyrosine	g	6.0	2.1	2.0	0.95
L-Valine	g	5.2	1.8	1.7	0.83
L-Carnitine	g	0.08	0.03	0.03	0.01
	mg	79.2	27.1	26.5	12.6
Taurine	g	0.18	0.06	0.06	0.03
	mg	180	61.6	60.1	28.6
Osmolarity	mOsmol / L	480			
	Dilution	15.9% w/v			
Osmolality	mOsmol / kg water	530			

*For a powder product, when prepared as directed on the label at: 15.9% Dilution.
A food for special medical purposes; must be used under strict medical supervision.
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