



# PKU **GMPPro Ultra**

## PKU GMPRO ULTRA VANILLA POWDER

### Food for Special Medical Purposes

#### DESCRIPTION

PKU GMPPro ULTRA Vanilla is a vanilla 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 maybe required according to individual tastes and tolerance.
- Water or additional fluid should be offered at the same time as PKU GMPPro ULTRA Vanilla 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 Vanilla.
3. Cover with a tight-fitting lid and shake the product until the powder has dissolved.
4. PKU GMPPro ULTRA Vanilla 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

- Not suitable for children under 3 years of age
  - Not for parental use
  - Use under medical supervision
  - Not suitable as sole source of Nutrition
  - Not suitable for individuals with a cow's milk allergy
- 
- PKU GMPPro ULTRA Vanilla 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 Vanilla contains 36mg PHE per 33.4g serving

#### INGREDIENTS

Casein glycomacropeptide (GMP) isolate (48.29%) (from milk), Sugar, L-Leucine, L-Tyrosine, L-Arginine, Magnesium hydrogen phosphate, L-Histidine, Vegetable oils (Rapeseed, Safflower, Coconut, Soybean), Flavourings, Tricalcium phosphate, Maltodextrin, L-Valine, L-Cystine, L-Tryptophan, Calcium hydrogen phosphate, Potassium chloride, Choline bitartrate, Modified starch (corn), Calcium carbonate, Potassium citrate, Sodium chloride, Anticaking agent (E551), Taurine, L-Ascorbic acid, L-Carnitine, Inositol, Ferrous sulphate, Sweetener (Sucralose), 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

Contains: Milk



# PKU GMPRO ULTRA VANILLA POWDER

For Healthcare Professionals Use Only.  
Not for distribution to the general public

COMPONENT	UNIT	Per 100g Powder	Per 100kcal	Per 33.4g Serving	Per 100ml*
Energy	kJ	1364	425	456	217
	kcal	321	100	107	51.0
Protein/protein equivalent	g	60.0	18.7	20.0	9.5
Carbohydrate	g	14.7	4.6	4.9	2.3
Sugars	g	9.7	3.0	3.2	1.5
Lactose	g	0.05	0.02	0.02	0.01
Fat	g	2.5	0.78	0.82	0.40
Saturates (of which MCT)	g	0.66	0.21	0.22	0.10
Monounsaturates	g	1.4	0.44	0.47	0.22
Polyunsaturates	g	0.45	0.14	0.15	0.07
Dietary fibre	g	0	0	0	0
Salt	g	2.8	0.86	0.92	0.44
<b>Minerals and trace elements</b>					
Sodium (Na)	mg	1006	313	336	160
	mmol	48.1	15.0	16.1	7.6
Potassium (K)	mg	1571	489	525	250
	mmol	40.2	12.5	13.4	6.4
Chloride (Cl)	mg	792	247	265	126
	mmol	22.3	6.9	7.4	3.5
Calcium (Ca)	mg	1442	449	482	229
	mmol	36.0	11.2	12.0	5.7
Phosphorus (P) or Phosphate as PO4	mg	1416	441	473	225
	mmol	45.7	14.2	15.3	7.3
Magnesium	mg	347	108	116	55.2
	mmol	14.3	4.5	4.8	2.3
Ca / P ratio	-	1.0	-	1.0	-
Iron	mg	18.0	5.6	6.0	2.9
Copper	mg	1.6	0.51	0.54	0.26
Zinc	mg	14.0	4.4	4.7	2.2
Manganese	mg	1.0	0.31	0.33	0.16
Iodine	µg	188	58.6	62.8	29.9
Molybdenum	µg	73.0	22.7	24.4	11.6
Selenium	µg	73.0	22.7	24.4	11.6
Chromium	µg	51.0	15.9	17.0	8.1
<b>Vitamins</b>					
Vitamin A	µg RE	551	172	184	87.6
	IU	1836	572	613	292
Vitamin D3	µg	27.0	8.4	9.0	4.3
	IU	1080	336	361	172
Vitamin E	mg-α-TE	18.4	5.7	6.1	2.9
	IU	27.6	8.6	9.2	4.4
Vitamin C	mg	86.4	26.9	28.9	13.7
Vitamin K1	µg	86.4	26.9	28.9	13.7
Thiamin (B1)	as base	mg	1.7	0.54	0.58
	as HCl	mg	2.2	0.69	0.73
Riboflavin (B2)	mg	2.2	0.69	0.73	0.35
Niacin (B3)	mg	18.0	5.6	6.0	2.9
	mg NE	43.0	13.4	14.4	6.8
Vitamin B6	mg	2.0	0.62	0.67	0.32
Folic acid	µg	240	74.8	80.2	38.2
Vitamin B12	µg	4.3	1.3	1.4	0.68
Biotin	µg	43.2	13.5	14.4	6.9
Pantothenic acid (B5)	mg	6.0	1.9	2.0	1.0
Choline	mg	360	112	120	57.2
Myo-inositol	mg	71.3	22.2	23.8	11.3
Beta-carotene	µg	102	31.8	34.1	16.2
<b>Amino Acids</b>					
L-Alanine	g	2.4	0.75	0.80	0.38
L-Arginine	g	3.0	0.93	1.0	0.48
L-Aspartic acid	g	3.6	1.1	1.2	0.57
L-Cyst(e)ine	g	1.7	0.53	0.57	0.27
L-Glutamic Acid	g	8.0	2.5	2.7	1.3
L-Glutamine	g	0	0	0	0
Glycine	g	0.42	0.13	0.14	0.07
L-Histidine	g	2.4	0.75	0.80	0.38
L-Isoleucine	g	4.4	1.4	1.5	0.70
L-Leucine	g	9.0	2.8	3.0	1.4
L-Lysine	g	2.6	0.80	0.86	0.41
L-Methionine	g	0.80	0.25	0.27	0.13
L-Phenylalanine	mg	108	33.6	36.0	17.2
L-Proline	g	4.8	1.5	1.6	0.76
L-Serine	g	3.0	0.93	1.0	0.48
L-Threonine	g	6.8	2.1	2.3	1.1
L-Tryptophan	g	1.4	0.44	0.47	0.22
L-Tyrosine	g	6.0	1.9	2.0	0.95
L-Valine	g	5.2	1.6	1.7	0.83
L-Carnitine	g	0.08	0.02	0.03	0.01
	mg	79.2	24.7	26.5	12.6
Taurine	g	0.18	0.06	0.06	0.03
	mg	180	56.1	60.1	28.6
Osmolarity	mOsmol / L	450			
	Dilution	15.9% w/v			
Osmolality	mOsmol / kg water	500			

\*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.  
For more information contact the Nutricia Care Line: New Zealand: 0800 438 500; [nutricia.co.nz/adult/](http://nutricia.co.nz/adult/)  
Nutricia Ltd.  
Level 1, 19a Morgan Street  
Newmarket, Auckland, New Zealand, 1149.