



ACBS GMS PBS

Description

Food for special medical purposes.

PKU sphere™ is a powdered, low phenylalanine protein substitute containing a balanced mix of glycomacropeptide (GMP) isolate, essential and non-essential amino acids, carbohydrate, fat, vitamins, minerals and docosahexaenoic acid (DHA). With sugars and sweetener.

Indications

PKU sphere is for the dietary management of phenylketonuria (PKU) from 4 years of age onwards.

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.

PKU sphere15 (27g sachet) = 15g PE
1 sachet = 28mg phenylalanine

PKU sphere20 (35g sachet) = 20g PE
1 sachet = 36mg phenylalanine

Preparation Guidelines

1. Measure cold water into a beaker (100ml for PKU sphere15, 120ml for PKU sphere20).
2. Add 1 sachet of PKU sphere.
3. Secure lid and shake until the powder is fully dissolved.
4. PKU sphere is now ready to use.

Any unused product should be tightly covered, refrigerated and used within 6 hours. If separation occurs, reshake before use.

IMPORTANT NOTICE

PKU sphere must be used under medical supervision.

Not for use as a sole source of nutrition.

PKU sphere is suitable from 4 years of age onwards.

PKU sphere must only be consumed by people with proven PKU. Protein in prescribed amounts must be supplemented to completely meet phenylalanine requirements.

Ensure adequate intake of fluid and other nutrients to meet general nutritional requirements.

Protein substitutes based on GMP are a source of Phenylalanine.

For enteral use only.

Nutritional Information

| | | Per 100g | Per PKU sphere15 27g | Per PKU sphere20 35g |
|--|------|-------------|----------------------------|----------------------------|
| Energy | kJ | 1432 | 386 | 508 |
| | kcal | 338 | 91 | 120 |
| Fat | g | 4.7 | 1.3 | 1.6 |
| of which Saturates | g | 1.0 | 0.27 | 0.35 |
| DHA | mg | 314 | 85 | 110 |
| Carbohydrate | g | 18 | 4.9 | 6.3 |
| of which Sugars | g | 6.3/8.0* | 1.7/2.2* | 2.2/2.8* |
| Protein | g | 56 | 15 | 20 |
| L-Phenylalanine | mg | 104 | 28 | 36 |
| Salt | g | 2.0 | 0.55 | 0.71 |
| Vitamins, minerals & trace elements | | | | |
| Vitamin A RE | µg | 740 | 200 | 259 |
| Vitamin D | µg | 14 | 3.9 | 5.0 |
| Vitamin E α TE | mg | 15 | 4.1 | 5.3 |
| Vitamin K | µg | 67 | 18 | 23 |
| Vitamin C | mg | 74 | 20 | 26 |
| Thiamin | mg | 1.7 | 0.46 | 0.60 |
| Riboflavin | mg | 1.7 | 0.46 | 0.60 |
| Niacin (Niacin Eq) | mg | 9.1 (28) | 2.5(7.6) | 3.2(9.8) |
| Vitamin B6 | mg | 1.7 | 0.46 | 0.60 |
| Folic acid | µg | 290 | 78 | 102 |
| Vitamin B12 | µg | 4.6 | 1.2 | 1.6 |
| Biotin | µg | 36 | 9.8 | 13 |
| Pantothenic acid | mg | 5.7 | 1.5 | 2.0 |
| Sodium | mg | 810 | 219 | 283 |
| | mmol | 35 | 9.4 | 12 |
| Potassium | mg | 670 | 181 | 234 |
| | mmol | 17 | 4.5 | 5.9 |
| Chloride | mg | 20 | 5.4 | 7.0 |
| | mmol | 0.56 | 0.15 | 0.20 |
| Calcium | mg | 1140 | 308 | 399 |
| | mmol | 29 | 7.7 | 10 |
| Phosphorus | mg | 1180 | 319 | 413 |
| | mmol | 38 | 10.2 | 13 |
| Magnesium | mg | 330 | 89 | 115 |
| | mmol | 13 | 3.5 | 4.6 |

*PKU sphere chocolate

Nutritional Information

| | | Per 100g | Per PKU sphere15 27g | Per PKU sphere20 35g |
|--------------------|----|-------------|----------------------------|----------------------------|
| Iron | mg | 21 | 5.7 | 7.4 |
| Zinc | mg | 21 | 5.7 | 7.4 |
| Copper | mg | 1.7 | 0.46 | 0.60 |
| Manganese | mg | 1.1 | 0.31 | 0.40 |
| Selenium | µg | 86 | 23 | 30 |
| Chromium | µg | 34 | 9.3 | 12 |
| Molybdenum | µg | 57 | 15 | 20 |
| Iodine | µg | 240 | 65 | 84 |
| Choline | mg | 570 | 154 | 200 |
| Amino Acids | | | | |
| L-Alanine | g | 2.36 | 0.64 | 0.83 |
| L-Arginine | g | 2.73 | 0.74 | 0.96 |
| L-Aspartic Acid | g | 3.73 | 1.01 | 1.31 |
| L-Cystine | g | 0.69 | 0.19 | 0.24 |
| L-Glutamine | g | 7.72 | 2.08 | 2.70 |
| Glycine | g | 2.02 | 0.55 | 0.71 |
| L-Histidine | g | 2.01 | 0.54 | 0.70 |
| L-Isoleucine | g | 4.06 | 1.10 | 1.42 |
| L-Leucine | g | 8.62 | 2.33 | 3.02 |
| L-Lysine | g | 2.72 | 0.73 | 0.95 |
| L-Methionine | g | 0.80 | 0.22 | 0.28 |
| L-Phenylalanine | g | 0.10 | 0.028 | 0.036 |
| L-Proline | g | 4.58 | 1.24 | 1.60 |
| L-Serine | g | 2.88 | 0.78 | 1.01 |
| L-Threonine | g | 6.55 | 1.77 | 2.29 |
| L-Tryptophan | g | 1.15 | 0.31 | 0.40 |
| L-Tyrosine | g | 6.43 | 1.74 | 2.25 |
| L-Valine | g | 3.27 | 0.88 | 1.14 |

Osmolality

PKU sphere15 Red Berry: 750mOsm/kg

PKU sphere15 Vanilla: 770mOsm/kg

PKU sphere15 Chocolate: 750mOsm/kg

PKU sphere20 Red Berry: 900mOsm/kg

PKU sphere20 Vanilla: 850mOsm/kg

PKU sphere20 Chocolate: 800mOsm/kg

Allergen Declaration

Contains fish (tuna oil)
Contains soya (soya lecithin)
Contains milk (milk protein)

Storage

Store in a cool, dry place.
Sachets are designed for single use and should be used immediately once opened.

Pack Size/Weight

30 x 27g ⊖ sachets = 810g Net Wt.

30 x 35g ⊖ sachets = 1.05kg Net Wt.

Flavours:

Red Berry
Vanilla
Chocolate

