



ACBS  GMS  PBS

### Description

#### Food for special medical purposes.

PKU sphere™ is a powdered, low phenylalanine protein substitute containing a balanced mix of casein 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 sphere15, 120ml for 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 sphere 15 27g	Per PKU sphere 20 35g
Energy	kJ	1432	386	508
	kcal	338	91	120
Fat	g	4.7	1.3	1.6
	of which Saturates	g	1.0	0.35
DHA	mg	314	85	110
Carbohydrate	g	18	4.9	6.3
	of which Sugars	g	6.3	1.7
Protein	g	56	15	20
L-Phenylalanine	mg	104	28	36
Salt	g	2.0	0.55	0.71
<b>Vitamins, minerals &amp; trace elements</b>				
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
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

## 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
<b>Amino Acids</b>				
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 sphere20 Red Berry: 900mOsm/kg  
PKU sphere20 Vanilla: 850mOsm/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 e sachets = 810g Net Wt.  
30 x 35g e sachets = 1.05kg Net Wt.

### Flavours:

Red Berry  
Vanilla

