



ACBS  GMS  PBS

### Description

#### Food for special medical purposes.

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

### Indications

For use in the dietary management of Tyrosinaemia (TYR) from 3 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.

TYR sphere20 (35g sachet) = 20g PE = 36mg phenylalanine  
and <11mg tyrosine

### Preparation Guidelines

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

The product should be freshly prepared and consumed immediately. If this is not possible, all prepared products must be tightly covered and consumed within 4 hours at room temperature or within 24 hours if refrigerated.

### IMPORTANT NOTICE

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

Suitable from 3 years of age onwards.

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

Protein substitutes based on GMP are a source of Phenylalanine.

Not for use as a sole source of nutrition.

For enteral use only.

## Nutritional Information

		TYR sphere per 100g	TYR sphere20 per 35g (1 packet)
Energy	kJ	1432	508
	kcal	338	120
Fat	g	4.7	1.6
	of which Saturates	1.0	0.35
DHA	mg	314	110
Carbohydrate	g	18	6.3
	of which Sugars	4.0	1.4
Protein	g	56	20
L-Tyrosine	mg	<30	<11
L-Phenylalanine	mg	104	36
Salt	g	2.0	0.70
<b>Vitamins, minerals &amp; trace elements</b>			
Vitamin A	µg RE	740	259
Vitamin D	µg	14	5.0
Vitamin E	mg α TE	15	5.3
Vitamin K	µg	67	23
Vitamin C	mg	74	26
Thiamin	mg	1.7	0.60
Riboflavin	mg	1.7	0.60
Niacin (Niacin Eq)	mg	9.1 (28)	3.2 (9.8)
Vitamin B6	mg	1.7	0.60
Folic Acid	µg	290	102
Vitamin B12	µg	4.6	1.6
Biotin	µg	36	13
Pantothenic Acid	mg	5.7	2.0
Sodium	mg	810	283
	mmol	35	12
Potassium	mg	670	234
	mmol	17	5.9
Chloride	mg	20	7.0
	mmol	0.56	0.20
Calcium	mg	1140	399
	mmol	29	10
Phosphorus	mg	1180	413
	mmol	38	13
Magnesium	mg	330	115
	mmol	13	4.6

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Iron	mg	21	7.4
Zinc	mg	21	7.4
Copper	mg	1.7	0.60
Manganese	mg	1.1	0.40
Selenium	µg	86	30
Chromium	µg	34	12
Molybdenum	µg	57	20
Iodine	µg	240	84
Choline	mg	570	200
<b>Amino Acids</b>			
L-Arginine	g	4.87	1.70
L-Proline	g	4.58	1.60
L-Glutamine	g	7.72	2.70
L-Isoleucine	g	4.06	1.42
L-Leucine	g	8.57	3.00
L-Methionine	g	0.80	0.28
L-Phenylalanine	g	0.104	0.036
L-Tyrosine	g	0.03	0.011
L-Valine	g	3.27	1.14
L-Alanine	g	2.36	0.83
L-Aspartic Acid	g	3.73	1.31
L-Cystine	g	0.69	0.24
Glycine	g	7.09	2.48
L-Histidine	g	2.00	0.70
L-Lysine	g	2.72	0.95
L-Serine	g	2.88	1.01
L-Threonine	g	6.55	2.29
L-Tryptophan	g	1.14	0.40

**Osmolality:** TYR sphere20 + 120ml = 1000mOsm/kg

### Allergen Declaration

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

### Pack Size/Weight

30 x 35 g e sachets = 1.05 kg Net Wt.

### Flavours

Red Berry

### Storage

Store in a cool dry place.  
Sachets are designed for single use.

