

TYRTM gel

ACBS ✓ GMS ✓ PBS ✓

Description

Food for special medical purposes.

TYR gelTM is an unflavoured powdered tyrosine and phenylalanine free protein substitute containing essential and non-essential amino acids, carbohydrate, vitamins, minerals and trace elements.

Indications

TYR gel is for the dietary management of Tyrosinaemia from 6 months to 10 years of age.

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.

The product can be used individually or interchanged to meet individual protein requirements.

1. The daily protein substitute requirement is given as TYR gel.
2. Additional protein is provided from exchanges of natural protein to provide restricted amino acids in controlled amounts, which is essential for growth and development.
3. Foods high in carbohydrate and fat, but low in protein, should be provided to supply the remainder of the energy.

TYR gel (24g) = 10g PE

Preparation Guidelines

TYR gel can be either taken as a gel or as a low volume drink.

For gel:



Empty the contents of the sachet into a beaker.



Add approximately 30ml of cold water. Secure the lid and shake well for 10 seconds.



Leave to stand for 2 minutes, allowing a smooth gel to form. Consume with a spoon.

For a low volume drink:



Empty the contents of the sachet into a beaker.



Add approximately 80ml (half way up the beaker) of cold water. Secure the lid and shake well for 10 seconds.



Drink immediately.

Water or permitted drinks should be taken after TYR gel.

IMPORTANT NOTICE

Must only be given to children with proven Tyrosinaemia under strict medical supervision.

Suitable from 6 months to 10 years of age.

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

Not for use as a sole source of nutrition.

For enteral use only.

Nutritional Information

		Per 100g	Per TYR gel 24g sachet		Per 100g	Per TYR gel 24g sachet
Energy	kJ	1440	346	Sodium	mg	379
	kcal	339	81		mmol	16.3
Fat	g	0.05	0.02	Chloride	mg	583
	of which saturates	g	0		mmol	16.3
Carbohydrate	g	42.9	10.3	Potassium	mg	938
	of which sugars	g	27.1		mmol	23.5
Protein equivalent	g	41.7	10	Calcium	mg	1083
L-Phenylalanine	g	0	0		mmol	27.1
L-Tyrosine	g	0	0	Phosphorus	mg	825
Salt	g	0.95	0.23		mmol	26.4
				Magnesium	mg	167
Vitamins and minerals					mmol	6.8
Vitamin A (RE)	µg	600	144	Iron	mg	14
Vitamin D	µg	14.6	3.5		Zinc	mg
Vitamin E (αTE)	mg	9.0	2.2	Copper	mg	0.80
Vitamin K	µg	41	9.8	Iodine	µg	138
Vitamin C	mg	63	15	Selenium	µg	35
Thiamin	mg	1.0	0.24	Manganese	mg	1.7
Riboflavin	mg	1.2	0.29	Chromium	µg	71
Vitamin B6	mg	1.1	0.26	Molybdenum	µg	50
Niacin	mg (mg NE)	14 (32.5)	3.4 (7.9)	Others		
Folic acid	µg	208	50	Choline	mg	279
Vitamin B12	µg	2.0	0.48			67
Pantothenic Acid	mg	5.0	1.2			
Biotin	µg	25	6.0			

Nutritional Information

	Per 100g	Per TYR gel 24g sachet		Per 100g	Per TYR gel 24g sachet		
Amino acids			L-Lysine	g	3.97	0.95	
L-Alanine	g	3.12	0.75	L-Methionine	g	0.89	0.21
L-Arginine	g	3.83	0.92	L-Proline	g	3.21	0.77
L-Aspartic Acid	g	5.92	1.42	L-Serine	g	2.45	0.59
L-Cystine	g	1.43	0.34	L-Threonine	g	2.67	0.64
L-Glutamine	g	3.79	0.91	L-Tryptophan	g	1.11	0.27
Glycine	g	3.12	0.75	L-Valine	g	3.79	0.91
L-Histidine	g	2.09	0.50	L-Carnitine	mg	46	11
L-Isoleucine	g	3.48	0.84	Taurine	mg	92	22
L-Leucine	g	5.57	1.34				
			Osmolality:				
			24g + 30ml = 3000mOsm/kg				
			24g + 80ml = 1540mOsm/kg				

Pack Size/Weight

30 x 24g e sachets = 720g

Flavour:

Unflavoured.

Storage

Store in a cool dry place.

Sachets are designed for single use and should be used immediately once opened. Any unused powder in an open sachet should be kept in an airtight container or sealed with a clipper and used within 24 hours.

