



ACBS ☒ GMS ☒ PBS ☒

Description

Food for special medical purposes.

TYR cooler® is a ready-to-drink, phenylalanine and tyrosine free* protein substitute, containing essential and non-essential amino acids, carbohydrate, vitamins, minerals, trace elements and docosahexaenoic acid (DHA).

With sugars and sweetener. Available in a choice of flavours.

Indications

TYR cooler is for the dietary management of Tyrosinaemia (TYR) from 3 years 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 cooler10 (87ml) = 10g PE

TYR cooler15 (130ml) = 15g PE

TYR cooler20 (174ml) = 20g PE

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

1. The daily protein substitute requirement is given as TYR cooler.
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.

Preparation Guidelines



Shake well



Open



Drink

Once opened drink immediately or recap, refrigerate and use within 24 hours.

Water or other permitted drinks should be taken after TYR cooler.

Cooler is best served chilled.

IMPORTANT NOTICE

Must only be given to patients with proven Tyrosinaemia (TYR) 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 meet supply phenylalanine, tyrosine, fluid and general nutritional requirements.

Not for use as a sole source of nutrition.

For enteral use only.

Nutritional Information

		Per 100ml	Per TYR cooler10 87ml	Per TYR cooler15 130ml	Per TYR cooler20 174ml
Energy	kJ	316	274	410	549
	kcal	75	65	97	130
Fat	g	0.9	0.8	1.2	1.6
of which saturates	g	0.2	0.2	0.3	0.3
DHA	mg	77	67	100	134
Carbohydrate	g	5.1	4.4	6.6	8.9
of which sugars	g	3.4	3.0	4.4	5.9
Protein equivalent	g	11.5	10	15	20
L-Phenylalanine*	g	-	-	-	-
L-Tyrosine*	g	-	-	-	-
Salt	g	0.15	0.13	0.20	0.26
Vitamins, minerals & trace elements					
Vitamin A (RE)	µg	150	131	195	261
Vitamin D	µg	5.8	5.0	7.5	10
Vitamin E (α TE)	mg	3.0	2.6	3.9	5.2
Vitamin K	µg	14	12	18	24
Vitamin C	mg	21	18	27	37
Thiamin	mg	0.40	0.35	0.52	0.70
Riboflavin	mg	0.44	0.38	0.57	0.77
Vitamin B6	mg	0.50	0.44	0.65	0.87
Niacin	mg (mg NE)	2.0 (7.5)	1.7 (6.5)	2.6 (9.8)	3.5 (13)
Folic acid	µg	58	50	75	101
Vitamin B12	µg	0.90	0.78	1.2	1.6
Pantothenic acid	mg	1.1	0.96	1.4	1.9
Biotin	µg	7.5	6.5	9.8	13

Nutritional Information

			Per TYR cooler10 87ml	Per TYR cooler15 130ml	Per TYR cooler20 174ml
Sodium	mg	60		78	104
	mmol	2.6		3.4	4.5
Chloride	mg	80		104	139
	mmol	2.2		2.9	3.9
Potassium	mg	140		182	244
	mmol	3.5		4.6	6.1
Calcium	mg	230		299	400
	mmol	5.8		7.5	10
Phosphorus	mg	205		267	357
	mmol	6.6		8.5	11
Magnesium	mg	63		82	110
	mmol	2.6		3.4	4.5
Iron	mg	4.2		5.5	7.3
Zinc	mg	3.2		4.2	5.6
Copper	mg	0.42		0.55	0.73
Iodine	µg	49		64	85
Selenium	µg	15		20	26
Manganese	mg	0.29		0.38	0.50
Chromium	µg	8.0		10	14
Molybdenum	µg	13		17	23
Others					
Choline	mg	115		150	200

Nutritional Information

			Per TYR cooler ¹⁰ 87ml	Per TYR cooler ¹⁵ 130ml	Per TYR cooler ²⁰ 174ml
Amino Acids					
L-Alanine	g	0.93	0.81	1.21	1.62
L-Arginine	g	1.14	0.99	1.48	1.98
L-Aspartic Acid	g	1.76	1.53	2.29	3.06
L-Cystine	g	0.42	0.37	0.55	0.73
L-Glutamine	g	0.00	0.00	0.00	0.00
Glycine	g	0.93	0.81	1.21	1.62
L-Histidine	g	0.62	0.54	0.81	1.08
L-Isoleucine	g	1.03	0.90	1.34	1.79
L-Leucine	g	1.66	1.44	2.16	2.89
L-Lysine	g	1.18	1.03	1.53	2.05
L-Methionine	g	0.27	0.23	0.35	0.47
L-Proline	g	0.95	0.83	1.24	1.65
L-Serine	g	0.73	0.64	0.95	1.27
L-Threonine	g	0.80	0.70	1.04	1.39
L-Tryptophan	g	0.33	0.29	0.43	0.57
L-Valine	g	1.13	0.98	1.47	1.97
L-Carnitine	mg	13	11	17	23
Taurine	mg	25	22	33	44

Osmolality: 1550mOsm/kg

* No added phenylalanine or tyrosine. Phenylalanine and tyrosine may be present in trace amounts from other ingredients (<3mg/100ml).

Allergen Declaration

Contains fish (tuna oil)

Contains soya (soya lecithin)

Pack Size/Weight

TYR cooler¹⁰

30 x 87ml e pouches = 2.61L

TYR cooler¹⁵

30 x 130ml e pouches = 3.9L

TYR cooler²⁰

30 x 174ml e pouches = 5.22L

Flavours

TYR cooler¹⁵: Red and Orange

TYR cooler¹⁰ and 20: Red

Storage

Store in a cool dry place.

Once opened, drink immediately or recap, refrigerate and use within 24 hours.

