



# explore<sup>TM</sup>5

ACBS  GMS  PBS

## Description

### Food for special medical purposes.

TYR explore<sup>TM</sup>5 is an unflavoured powdered phenylalanine and tyrosine free\* protein substitute containing essential and non-essential amino acids, carbohydrate, sugar, vitamins, minerals, trace elements, arachidonic acid (ARA) and docosahexaenoic acid (DHA).

## Indications

TYR explore5 is for the dietary management of Tyrosinaemia (TYR) from 6 months to 5 years of age.

## Dosage and Administration

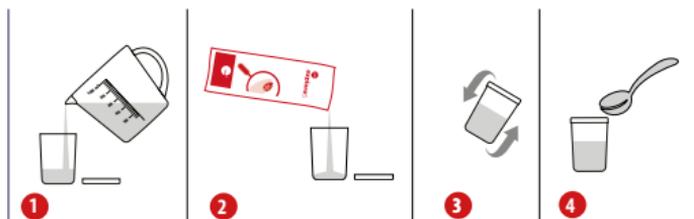
To be determined by the clinician or dietitian and is dependent on the age, body weight and medical condition of the patient.

**TYR explore5 (12.5g) = 5g PE**

1. The daily protein substitute requirement is given as TYR explore5.
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

TYR explore5 is taken as a semi-solid spoonable consistency:



1. Add 12.5ml of cold water into a beaker.
2. Empty the contents of the sachet into the beaker.
3. Secure the lid and shake well for 10 seconds.
4. Leave to stand for 2 minutes, allowing a smooth semi-solid consistency to form. Consume with a spoon.

Water or permitted drinks should be taken after TYR explore5.

The product should be prepared immediately prior to feeding and any remaining product must be discarded if not used within 1hr.

### IMPORTANT NOTICE

Must be used under strict medical supervision.

Not suitable for use as a sole source of nutrition.

Suitable from 6 months to 5 years of age.

Must only be consumed by children with proven Tyrosinaemia (TYR).

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

For enteral use only.

Nutritional Information		TYR explore5					
		per 100g	per 12.5g		TYR explore5 per 100g	per 12.5g	
Energy	kJ	1450	181	Vitamin B12	µg	3.7	0.46
	kcal	342	43	Pantothenic acid	mg	7.3	0.91
Fat	g	1.5	0.2	Biotin	µg	23	2.9
	of which saturates	g	0.7	0.09	Sodium	mg	195
ARA	mg	280	35		mmol	8.4	1.0
DHA	mg	140	18	Chloride	mg	500	63
					mmol	14	1.8
Carbohydrate	g	42	5.3	Potassium	mg	500	63
	of which sugars	g	28	3.5		mmol	12
Protein equivalent	g	40	5	Calcium	mg	1100	140
L-Phenylalanine*	g	-	-		mmol	28	3.4
L-Tyrosine*	g	-	-	Phosphorus	mg	730	91
Salt	g	0.49	0.06		mmol	23	2.9
				Magnesium	mg	135	17
<b>Vitamins and minerals</b>					mmol	5.5	0.69
Vitamin A (RE)	µg	530	66	Iron	mg	16.0	2.0
Vitamin D	µg	27	3.4	Zinc	mg	11.0	1.4
Vitamin E (αTE)	mg	9.7	1.2	Copper	mg	0.78	0.10
Vitamin K	µg	27	3.4	Iodine	µg	150	19
Vitamin C	mg	90	11	Selenium	µg	31	3.9
Thiamin	mg	1.0	0.12	Manganese	mg	0.25	0.03
Riboflavin	mg	1.5	0.19	Chromium	µg	30	3.8
Vitamin B6	mg	1.1	0.14	Molybdenum	µg	40	5.0
Niacin	mg (mg NE)	6.9 (25)	0.86 (3.1)	<b>Others</b>			
Folic acid	µg	230	29	Choline	mg	450	56

Nutritional Information	TYR explore5		TYR explore5				
	per 100g	per 12.5g	per 100g	per 12.5g			
<b>Amino acids</b>							
L-Alanine	g	3.01	0.38	L-Lysine	g	3.82	0.48
L-Arginine	g	3.70	0.46	L-Methionine	g	0.86	0.11
L-Aspartic Acid	g	5.71	0.71	L-Proline	g	3.10	0.39
L-Cystine	g	1.38	0.17	L-Serine	g	2.36	0.30
L-Glutamine	g	3.50	0.44	L-Threonine	g	2.58	0.32
Glycine	g	3.01	0.38	L-Tryptophan	g	1.08	0.14
L-Histidine	g	2.02	0.25	L-Valine	g	3.65	0.46
L-Isoleucine	g	3.35	0.42	L-Carnitine	mg	44	5.5
L-Leucine	g	5.37	0.67	Taurine	mg	88	11

\*No added phenylalanine or tyrosine. These may be present in trace amounts from other ingredients (<10mg/100g powder, <4mg per serving).

### Allergen Declaration

Contains Fish (Tuna).  
Not suitable for individuals with milk allergy.

### Pack Size/Weight

 **explore5**  
30 x 12.5g e sachets = 375g

### Flavours

Unflavoured.

### Storage

Store in a cool, dry place. Sachets are designed for single use. Any unused powder should be tightly sealed and used within 24 hours.

