

### Description

#### Food for special medical purposes.

IVA cooler™ is a ready-to-drink, leucine free\* protein substitute, containing essential and non-essential amino acids, carbohydrate, vitamins, minerals, trace elements and docosahexaenoic acid (DHA). With sugars and sweetener.

### Indications

IVA cooler is for the dietary management of Isovaleric Acidaemia (IVA) and other disorders requiring a leucine free protein substitute 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.

IVA cooler15 (130ml) = 15g PE

1. The daily protein substitute requirement is given as IVA cooler.
2. Additional protein is provided from exchanges of natural protein, to provide leucine in controlled amounts, which is essential for normal 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



1 Shake well



2 Open



3 Drink

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

Water or permitted drinks should be taken after IVA cooler.

Cooler is best served chilled.

### IMPORTANT NOTICE

Must only be given to patients with proven IVA or other disorders requiring a leucine free protein substitute, under strict medical supervision.

Suitable from 3 years onwards.

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

Not for use as a sole source of nutrition.

For enteral use only.

### Nutritional Information

		Per 100ml	Per IVA cooler <b>15</b> 130ml
Energy	kJ	316	410
	kcal	75	97
Fat	g	0.9	1.2
of which saturates	g	0.2	0.3
DHA	mg	77	100
Carbohydrate	g	5.1	6.6
of which sugars	g	3.4	4.4
Protein equivalent	g	11.5	15
L-Leucine*	g	-	-
Salt	g	0.15	0.20
<b>Vitamins, minerals and trace elements</b>			
Vitamin A (RE)	µg	150	195
Vitamin D	µg	5.8	7.5
Vitamin E (α TE)	mg	3.0	3.9
Vitamin K	µg	14	18
Vitamin C	mg	21	27
Thiamin	mg	0.40	0.52
Riboflavin	mg	0.44	0.57
Niacin	mg (mg NE)	2.0 (8.0)	2.6 (10)
Vitamin B6	mg	0.50	0.65
Folic acid	µg	58	75
Vitamin B12	µg	0.9	1.2
Biotin	µg	7.5	9.8
Pantothenic acid	mg	1.1	1.4

## Nutritional Information

		Per 100ml	Per IVA cooler <sup>15</sup> 130ml
Sodium	mg	60	78
	mmol	2.6	3.4
Potassium	mg	140	182
	mmol	3.5	4.6
Chloride	mg	80	104
	mmol	2.2	2.9
Calcium	mg	230	299
	mmol	5.8	7.5
Phosphorus	mg	205	267
	mmol	6.6	8.5
Magnesium	mg	63	82
	mmol	2.6	3.4
Iron	mg	4.2	5.5
Zinc	mg	3.2	4.2
Copper	mg	0.42	0.55
Manganese	mg	0.29	0.38
Selenium	µg	15	20
Chromium	µg	8.0	10
Molybdenum	µg	13	17
Iodine	µg	49	64
<b>Others</b>			
Choline	mg	115	150

## Nutritional Information

		Per 100ml	Per IVA cooler <sup>15</sup> 130ml
<b>Amino Acids</b>			
L-Alanine	g	1.27	1.65
L-Arginine	g	1.20	1.56
L-Aspartic Acid	g	1.52	1.98
L-Cystine	g	0.36	0.47
L-Glutamine	g	0.00	0.00
Glycine	g	1.01	1.31
L-Histidine	g	0.43	0.56
L-Isoleucine	g	0.88	1.14
L-Lysine	g	0.90	1.17
L-Methionine	g	0.26	0.34
L-Phenylalanine	g	0.68	0.88
L-Proline	g	1.07	1.39
L-Serine	g	0.72	0.94
L-Threonine	g	0.65	0.85
L-Tryptophan	g	0.36	0.47
L-Tyrosine	g	0.72	0.94
L-Valine	g	1.16	1.51
L-Carnitine	mg	13	17
Taurine	mg	25	33

**Osmolality:** 1550 mOsm/kg

\*No added leucine. Leucine may be present in trace amounts from other ingredients (<3mg/100ml).

### Allergen Declaration

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

### Pack Size/Weight

 cooler<sup>15</sup>

30 x 130ml e pouches = 3.9L

### Flavours

Red

### Storage

Store in a cool dry place.  
Once opened drink immediately or recap,  
refrigerate and use within 24 hours.

