HCU LOPHLEX POWDER

DESCRIPTION

HCU Lophlex is a methionine-free amino acid-based powdered protein substitute, containing a balanced mix of essential and non-essential amino acids, docosahexaenoic acid (DHA), vitamins, trace elements and some minerals.

Available in Neutral Flavour.

INDICATIONS

For the dietary management of proven homocystinuria (HCU) in children aged 3 years onwards and adults including pregnant women (in conjunction with standard folic acid supplementation).

PREPARATION AND ADMINISTRATION

Water or diluted drinks should be offered or taken at the same time. To ensure tolerance the product may initially need to be introduced at a lower concentration. Recommended feed concentration: 29g powder (1 sachet) made up with 65ml water to give a final volume of approximately 80ml. The quantity and dilution of this product can be adapted to the tolerance and preferences of the individual under supervision of a clinician or dietitian. 1. Wash your hands and clean all utensils. 2. Measure the recommended amount of cold water into a container with a screw top lid. 3. Empty the contents of 1 sachet into the container. 4. Seal and shake well until the powder is dissolved. HCU Lophlex is best prepared with chilled water and consumed immediately after preparation. It can also be taken as a more concentrated drink, additional water or diluted drinks must be consumed at the same time. Do not boil and do not use a microwave oven to heat. Do not freeze.

ADMINISTRATION GUIDELINES

The dosage should be determined by a clinician or dietitian only and is dependent on the age, body weight and medical condition of the patient. The daily intake of protein substitute should be taken in divided doses throughout the day.

GENERAL PRECAUTIONS

Must be used under strict medical supervision. Not suitable as a sole source of nutrition. Not suitable for children under 3 years of age. Not suitable for tube feeding.

This product must be supplemented with natural protein, fluid and other nutrients in medically prescribed quantities to supply the methionine and general nutrition requirements of the patient. Please monitor micronutrient intake to ensure that individual's intakes are optimal. HCU Lophlex contains only trace amounts of sodium and chloride.

STORAGE

Store in a cool dry place.

PACK SIZE

30 x 29g sachets.

INGREDIENTS

L-glutamine, L-lysine acetate, L-proline, dried glucose syrup, L-tyrosine, L-arginine, glycine, L-serine, L-aspartic acid, L-Alanine, calcium hydrogen phosphate, L-threonine, L-cystine, L-phenylalanine, L-histidine, magnesium acetate, flavouring, L-tryptophan, choline bitartrate, L-methionine, oil from crypthecodinium cohnii, stabiliser (E412), modified starch (E1450), potassium citrate, flavour enhancer (E330), calcium phosphate, taurine, sodium L-ascorbate, high oleic sunflower oil, Inositol, potassium phosphate monobasic, ferrous sulphate, zinc sulphate, L-carnitine, nicotinamide, DL-alpha tocopheryl acetate, artificial sweetener (sucralose), calcium D-pantothenate, copper sulphate, manganese sulphate, pyridoxine hydrochloride, thiamin hydrochloride, riboflavin, retinyl acetate, folic acid, potassium iodide, sodium molybdate, D-biotin, sodium selenite, chromium chloride, phytomenadione, cholecalciferol, cyanocobalamin.

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METABOLICS

HCU LOPHLEX POWDER

AVERAGE CONTENTS	UNIT	PER 100G	PER 29G SACHET
Energy	kcal	338	98
	kJ	1430	416
Protein	g	68.9	20
Carbohydrate	g	13.4	3.9
sugars	g	1.0	0.3
lactose	g	0	0
Fat	g	1.4	0.42
saturates	g	0.5	0.15
monounsaturates	g	0.34	0.1
polyunsaturates	g	0.57	0.16
Docosahexaenoic acid (DHA)	mg	520	150
Minerals			
Sodium	mg (mmol)	<60 (<2.61)	<17.4 (<0.76)
Potassium	mg (mmol)	345 (8.82)	100 (2.56)
Chloride	mg (mmol)	<50 (1.41)	<14.5 (<0.41)
Calcium	mg (mmol)	1276 (31.8)	370 (9.2)
Phosphorus	mg (mmol)	966 (31.2)	280 (9.04)
Magnesium	mg (mmol)	369 (15.2)	107 (4.4)
Zinc	mg	13.4	3.9
Copper	mg	1.84	0.53
Manganese	mg	1.84	0.53
Molybdenum	µg	86.2	25
Selenium	µg	92.2	26.8
Chromium	µg	36.5	10.6
Iodine	µg	202	58.4
Vitamins			
Vitamin A	µg	982	285
Vitamin D	µg	27.6	8
Vitamin E	mg (α-TE)	14.9 (11.0)	4.31(3.20)
Vitamin K	µg	86	24.9
Thiamin (B_1)	mg	1.46	0.42
Riboflavin (B_2)	mg	1.72	0.50
Niacin (B_3)	mg (mg NE)	24.5 (46.9)	7.10 (13.6)
Pantothenic acid (B_5)	mg	6.9	2.0
Vitamin B_6	mg	2	0.58
Folic acid	µg	345	100
Vitamin B_{12}	µg	6.2	1.80
Biotin	µg	184	53.4
Vitamin C	mg	126	36.6
Others			
Choline	mg	526	153
Inositol	mg	140	40.6
Water			
Osmolality	mOsmol/kg H_2O	2016	2016
Amino Acid Profile			
L-Alanine	g	3.72	1.08
L-Arginine	g	4.69	1.36
L-Aspartic Acid / L-Aspargine	g	5.38	1.56
L-Cysteine	g	3.1	0.90
Glycine	g	5.03	1.46
L-Glutamic acid / L-Glutamine	g	5.1	1.48
L-Histidine	g	2.69	0.78
L-Isoleucine	g	4.28	1.24
L-Leucine	g	7.24	2.1
L-Lysine	g	4.9	1.42
L-Methionine	g	0	0
L-Phenylalanine	g	3.17	0.92
L-Proline	g	6.34	1.84
L-Serine	g	4.34	1.26
L-Threonine	g	3.52	1.02
L-Tryptophan	g	1.45	0.42
L-Tyrosine	g	5.24	1.52
L-Valine	g	4.62	1.34

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A food for special medical purposes; must be used under strict medical supervision.

For more information contact the Nutricia Care Line:
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