

## HCU LOPHLEX LQ

### Description

A flavoured methionine free\* liquid containing a balanced mixture of the other essential and non-essential amino acids, vitamins, trace elements and some minerals, containing mixed juices from concentrates and natural flavourings. With sugars and sweeteners. Contains DHA. Available in juicy berries flavour.

### Indications

HCU Lophlex LQ is a Food for Special Medical Purposes for use in the dietary management of proven Vitamin B6 non-responsive HCU or hypermethioninaemia in children four years and over and adults, including pregnant women (in conjunction with standard folic acid and supplementation), and must be used under medical supervision.

### Preparation and administration

Water or diluted drinks should be offered/taken at the same time as HCU Lophlex LQ. HCU Lophlex LQ is best served chilled. Shake vigorously before use.

### Storage

Store at room temperature away from sunlight. Part consumed pouches can be stored in the refrigerator for up to 24 hours.

### Pack size

30 x 125ml.

### Ingredients

Water, Apple Juice from Concentrate (34.1%), Grape Juice from Concentrate (6.9%), Blackcurrant Juice from Concentrate (2.5%), L-Arginine L-Aspartate, L-Leucine, L-Lysine Acetate, Flavour Enhancer (E330), L-Proline, L-Tyrosine, Glycine, L-Valine, L-Serine, L-Isoleucine, Dried Glucose Syrup, L-Alanine, Dicalcium Phosphate, L-Threonine, L-Phenylalanine, L-Cystine, L-Histidine, Elderberry Juice from Concentrate (0.6%), Maltodextrin, Magnesium L-Aspartate, Magnesium Acetate, L-Tryptophan, Choline Bitartrate, Stabiliser (E460(i), E412, E415), High Docosahexaenoic Acid Single Cell Vegetable Oil, Sugar, Natural Flavouring, Concentrates (Apple, Blackcurrant, Radish), L-Ascorbic Acid, Taurine, Emulsifier (E322), Artificial Sweetener (Sucralose, Acesulfame K), Preservative (E202, E211), Inositol, Ferrous Lactate, Zinc Sulphate, L-Carnitine, Nicotinamide, DL-alpha Tocopheryl Acetate, Calcium D-Pantothenate, Manganese Sulphate, Copper Sulphate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Vitamin A Palmitate, Riboflavin, Antioxidants (E304, E306), Folic Acid, Potassium Iodide, Sodium Molybdate, D-Biotin, Sodium Selenite, Chromium Chloride, Vitamin K1, Vitamin D3, Cyanocobalamin.

\*HCU Lophlex LQ Juicy Berries may contain traces of methionine from fruit juice at a level of <2mg per 100ml.



## HCU LOPHLEX LQ

Average Contents	Unit	per 100ml	per 125ml	per 62.5ml
<b>Energy</b>	kcal	96	120	60
	kJ	407	509	255
<b>Protein</b>	g	16	20	10
<b>Carbohydrate</b>	g	7	8.8	4.4
sugars	g	7	8.8	4.4
lactose	g	-	-	-
<b>Fat</b>	g	0.35	0.44	0.22
saturates	g	0.08	0.1	0.05
monosaturates	g	0.1	0.13	0.07
polyunsaturates	g	0.17	0.21	0.11
DHA	mg	120	150	75
LCT	%	98.9	98.9	49.5
LA/ALA	ratio	-	-	-
% energy linoleic acid	%	-	-	-
% energy $\alpha$ -linolenic acid	%	-	-	-
<b>Salt</b>	g	<0.05	<0.06	<0.03
<b>Dietary fibre</b>	g	0.4	0.5	0.25
<b>Minerals</b>				
sodium	mg (mmol)	<20 (<5)	<25 (<10)	<12.5 (<5)
potassium	mg (mmol)	80 (2)	100 (2.6)	50 (1.3)
chloride	mg (mmol)	<20 (<5)	<25 (<10)	<12.5 (<5)
calcium	mg (mmol)	285 (7.1)	356 (8.9)	178 (4.5)
phosphorus	mg (mmol)	221 (7.1)	276 (8.9)	138 (4.5)
magnesium	mg (mmol)	85.6 (3.6)	107 (4.5)	53.5 (2.3)
iron	mg	4.2	5.3	2.7
zinc	mg	3.1	3.9	2.0
copper	mg	0.42	0.53	0.27
manganese	mg	0.42	0.53	0.27
fluoride	mg	-	-	-
molybdenum	$\mu$ g	20	25	12.5
selenium	$\mu$ g	21.4	26.8	13.4
chromium	$\mu$ g	8.5	10.6	5.3
iodine	$\mu$ g	46.7	58.4	29.2
<b>Vitamins</b>				
vitamin A	$\mu$ g RE (IU)	228 (759)	285 (949)	142.5 (475)
vitamin D	$\mu$ g (IU)	6.4 (256)	8 (320)	4 (160)
vitamin E	mg $\alpha$ -TE (IU)	2.5 (3.8)	3.2 (4.8)	1.6 (2.4)
vitamin K	$\mu$ g	19.9	24.9	12.5
thiamin	mg	0.34	0.43	0.22
riboflavin	mg	0.4	0.5	0.25
niacin	mg (mg NE)	5.7 (11.7)	7.1 (14.6)	3.5 (7.3)
pantothenic acid	mg	1.4	1.8	0.9
vitamin B6	mg	0.46	0.58	0.29
folic acid	$\mu$ g	96	120	60
vitamin B12	$\mu$ g	1.4	1.8	0.9
biotin	$\mu$ g	42.7	53.4	26.7
vitamin C	mg	14.2	17.8	8.9
<b>Others</b>				
choline	mg	122	153	76.5
myo-inositol	mg	32.5	40.6	20.3
<b>Water</b>				
osmolality	mOsm/kg H <sub>2</sub> O	2460	2460	1230
<b>Amino acid profile</b>				
L-Alanine	g	0.94	1.18	0.59
L-Arginine	g	1.2	1.5	0.75
L-Aspartic Acid	g	1.38	1.73	0.87
L-Cystine	g	0.78	0.98	0.49
Glycine	g	1.28	1.6	0.8
L-Glutamine	g	nil added	nil added	nil added
L-Histidine	g	0.68	0.85	0.43
L-Isoleucine	g	1.08	1.35	0.68
L-Leucine	g	1.84	2.3	1.15
L-Lysine	g	1.24	1.55	0.78
L-Methionine	g	nil added	nil added	nil added
L-Phenylalanine	g	0.8	1	0.5
L-Proline	g	1.62	2.03	1.01
L-Serine	g	1.1	1.38	0.69
L-Threonine	g	0.9	1.13	0.57
L-Tryptophan	g	0.36	0.45	0.23
L-Tyrosine	g	1.32	1.65	0.83
L-Valine	g	1.16	1.45	0.73
L-Carnitine	g	0.01	0.01	0.005
Taurine	g	0.05	0.06	0.03