

# TYR LOPHLEX LQ 20

## DESCRIPTION

A flavoured phenylalanine and tyrosine free\* liquid containing a balanced mixture of the other essential and non-essential amino acids, carbohydrate, vitamins, trace elements and some minerals, containing mixed juices from concentrates and natural flavourings. Contains Docosahexaenoic Acid (DHA). Available in Juicy Berries flavour.

## INDICATIONS

For use in the dietary management of proven TYR in children four years and over and adults, including pregnant women.

## PREPARATION AND ADMINISTRATION

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

## 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

Use under medical supervision. Not for parenteral use. Not suitable for use as a sole source of nutrition. This product should not be used as a sole source of protein but must be given in conjunction with a protein source, to supply the phenylalanine, tyrosine, fluid and general nutrition requirements of the patient in quantities as prescribed by a clinician or dietitian. Only intended for use by patients with TYR.

## 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-Leucine, L-Lysine Acetate, Flavour Enhancer (E330), L-Proline, L-Arginine, L-Valine, L-Aspartic Acid, Glycine, L-Isoleucine, L-Serine, L-Threonine, Dried Glucose Syrup, Dicalcium Phosphate, L-Alanine, L-Histidine, L-Cystine, Elderberry Juice from Concentrate (0.6%), Maltodextrin, Magnesium Acetate, Sugar, N-Acetyl L-Methionine, L-Tryptophan, Choline Bitartrate, Stabiliser (E460(i), E412, E415), High Docosahexaenoic Acid Single Cell Vegetable Oil, Natural Flavouring, Taurine, Concentrates (Apple, Blackcurrant, Radish), L-Ascorbic Acid, Emulsifier (E322), Artificial Sweetener (Sucralose, Acesulfame K), Preservative (E202, E211), M-Inositol, Ferrous Lactate, L-Carnitine, Zinc Sulphate, Nicotinamide, DL-Alpha Tocopheryl Acetate, Calcium D-Pantothenate, Manganese Sulphate, Copper Sulphate, Thiamin Hydrochloride, Pyridoxine Hydrochloride, Vitamin A Palmitate, Riboflavin, Antioxidants (E304, E306), Folic Acid, Potassium Iodide, Sodium Molybdate, D-Biotin, Sodium Selenite, Chromium Chloride, Vitamin K<sub>1</sub>, Vitamin D<sub>3</sub>, Cyanocobalamin.

\* TYR Lophlex LQ Juicy Berries may contain traces of tyrosine and phenylalanine from fruit juice at a level of <2.5mg and <5mg per 100ml respectively.



# TYR LOPHLEX LQ 20

AVERAGE CONTENTS	UNIT	PER 100ML	PER 125ML
<b>Energy</b>	kcal	96	120
	kJ	407	509
<b>Protein</b>	g	16	20
<b>Carbohydrate</b>	g	7	8.8
sugars	g	7	8.8
lactose	g	-	-
<b>Fat</b>	g	0.35	0.44
saturates	g	0.08	0.1
monounsaturates	g	0.1	0.13
polyunsaturates	g	0.17	0.21
DHA	mg	120	150
LCT	%	98.9	98.9
LA/ALA	ratio	-	-
% energy linoleic acid	%	-	-
% energy $\alpha$ -linolenic acid	%	-	-
<b>Dietary fibre</b>	g	0.4	0.5
<b>Minerals</b>			
sodium	mg (mmol)	<20 (<5)	<25 (<10)
potassium	mg (mmol)	80 (2)	100 (2.6)
chloride	mg (mmol)	<20 (<5)	<25 (<10)
calcium	mg (mmol)	285 (7.1)	356 (8.9)
phosphorus	mg (mmol)	221 (7.1)	276 (8.9)
magnesium	mg (mmol)	85.6 (3.6)	107 (4.5)
iron	mg	4.2	5.3
zinc	mg	3.1	3.9
copper	$\mu$ g	420	525
manganese	mg	0.42	0.53
fluoride	mg	-	-
molybdenum	$\mu$ g	20	25
selenium	$\mu$ g	21.4	26.8
chromium	$\mu$ g	8.5	10.6
iodine	$\mu$ g	46.7	58.4
<b>Vitamins</b>			
vitamin A	$\mu$ g RE (IU)	228 (759)	285 (949)
vitamin D	$\mu$ g (IU)	6.4 (256)	8 (320)
vitamin E	mg $\alpha$ -TE (IU)	2.5 (3.8)	3.2 (4.8)
vitamin K	$\mu$ g	19.9	24.9
thiamin	mg	0.34	0.43
riboflavin	mg	0.4	0.5
niacin	mg (mg NE)	5.7 (12.4)	7.1 (15.5)
pantothenic acid	mg	1.4	1.8
vitamin B <sub>6</sub>	mg	0.46	0.58
folic acid	$\mu$ g	96	120
vitamin B <sub>12</sub>	$\mu$ g	1.4	1.8
biotin	$\mu$ g	42.7	53.4
vitamin C	mg	14.2	17.8
<b>Others</b>			
choline	mg	122	153
myo-inositol	mg	32.5	40.6
<b>Water</b>			
osmolality	mOsm/kg H <sub>2</sub> O	2460	2460
<b>Amino acid profile</b>			
L-Alanine	g	0.9	1.13
L-Arginine	g	1.34	1.68
L-Aspartic Acid	g	1.3	1.63
L-Cystine	g	0.66	0.83
Glycine	g	1.3	1.63
L-Glutamine	g	-	-
L-Histidine	g	0.76	0.95
L-Isoleucine	g	1.24	1.55
L-Leucine	g	2	2.5
L-Lysine	g	1.4	1.75
L-Methionine	g	0.32	0.4
L-Phenylalanine*	g	nil added	nil added
L-Proline	g	1.62	2.03
L-Serine	g	1.04	1.3
L-Threonine	g	1	1.25
L-Tryptophan	g	0.4	0.5
L-Tyrosine*	g	nil added	nil added
L-Valine	g	1.32	1.65
L-Carnitine	g	0.01	0.02
Taurine	g	0.11	0.14

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

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