

# MSUD LOPHLEX® LQ

A valine-, leucine-, and isoleucine-free\* ready-to-drink medical food containing a balanced mix of essential and non-essential amino acids, carbohydrates, vitamins, minerals, trace elements and some fat (including DHA). Made with real fruit juice from concentrate.



**Indication:** Maple Syrup Urine Disease  
Suitable for individuals over 4 years of age.

### Nutrition Information:

Nutrients	Per Pouch (4.2 fl oz / 125 mL)	Vitamins	Per Pouch (4.2 fl oz / 125 mL)
Calories	120	Vitamin A, IU (mcg RE)	949 (285)
Protein Equivalent, g	20	Vitamin D <sub>3</sub> , IU (mcg)	320 (8.0)
Fat, g	0.44	Vitamin E, IU (mg α-TE)	4.8 (3.2)
DHA, mg	150	Vitamin K, mcg	24.9
Carbohydrate, g	9.3	Thiamine, mg	0.54
Fiber, g	0.50	Riboflavin, mg	0.50
<b>Amino Acids, g</b>		Vitamin B <sub>6</sub> , mg	0.58
L-Alanine	1.40	Vitamin B <sub>12</sub> , mcg	1.8
L-Arginine	1.90	Niacin, mg	7.1
L-Aspartic Acid	1.45	Folic Acid, mcg	120
L-Cystine	1.20	Pantothenic Acid, mg	1.8
Glycine	1.90	Biotin, mcg	53.4
L-Histidine	1.00	Vitamin C, mg	17.8
L-Isoleucine	Trace*	Choline, mg	153
L-Leucine	Trace*	Inositol, mg	40.6
L-Lysine	1.78	<b>Minerals</b>	
L-Methionine	0.43	Calcium, mg	319
L-Phenylalanine	1.18	Phosphorus, mg	244
L-Proline	2.38	Magnesium, mg	96.3
L-Serine	1.65	Iron, mg	5.1
L-Threonine	1.30	Zinc, mg	3.8
L-Tryptophan	0.53	Manganese, mg	0.56
L-Tyrosine	2.00	Copper, mcg	563
L-Valine	Trace*	Iodine, mcg	56.3
L-Carnitine	0.01	Molybdenum, mcg	25.0
Taurine	0.06	Chromium, mcg	10.8
		Selenium, mcg	26.8
		Sodium, mg	<25.0
		Potassium, mg	90.0
		Chloride, mg	<25.0

\*May contain traces of leucine, isoleucine and valine from fruit juice (from concentrate) at a level of <1.5 mg per 100 mL.

### Ordering/Reimbursement Information:

Product Code	Reimbursement Code	HCPCS Code <sup>†</sup>
82112 - Mixed Berry	49735-0167-49	B4157 or B4162
Product Packaging	Calories Per Pouch	
30 x 4.2 fl oz (125 mL)	120	

<sup>†</sup> S9435 = For individuals who submit their bills to insurance on their own.

### Ingredients:

Water, Apple Juice Concentrate (34.1%), Grape Juice Concentrate (6.9%), Blackcurrant Juice Concentrate (2.5%), L-Lysine Acetate, L-Proline, Citric Acid, L-Tyrosine, L-Arginine, Glycine, L-Serine, L-Aspartic Acid, L-Alanine, L-Threonine, Corn Syrup Solids, L-Cystine, L-Phenylalanine, Dicalcium Phosphate, L-Histidine, Elderberry Juice Concentrate (0.6%), Maltodextrin, Magnesium Acetate, N-Acetyl L-Methionine, L-Tryptophan, Choline Bitartrate, *C.ohnii* Oil\*\*, Sugar, Microcrystalline Cellulose, Natural Flavor, Fruit Concentrate, L-Ascorbic Acid, Taurine, Guar Gum, Sunflower Lecithin, Xanthan Gum, M-Inositol, Potassium Sorbate, Sucralose, Ferrous Lactate, Acesulfame Potassium, Sodium Benzoate, Zinc Sulfate, L-Carnitine, Niacinamide, DL-Alpha Tocopheryl Acetate, Calcium D-Pantothenate, Manganese Sulfate, Cupric Sulfate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Vitamin A Palmitate, Riboflavin, Folic Acid, Potassium Iodide, Ascorbyl Palmitate, Mixed Tocopherols, Sodium Molybdate, D-Biotin, Sodium Selenite, Chromium Chloride, Phylloquinone, Vitamin D<sub>3</sub>, Cyanocobalamin.

\*\*A Source of Docosahexaenoic Acid (DHA).

Contains 44.1% juice.

### Directions for Use:

Shake vigorously before use. Tastes best when served chilled. Once opened, partly consumed pouches can be stored in a refrigerator for up to 24 hours.

### Storage:

Store in a cool, dry place, away from sunlight. Avoid extreme temperatures.

### Important Notice:

Must only be used under medical supervision. Not for parenteral use. Not suitable as a sole source of nutrition. Only suitable for individuals over 4 years of age with proven maple syrup urine disease (MSUD).