

PKU LOPHLEX POWDER

DESCRIPTION

A phenylalanine free amino acid-based powder containing a balanced mix of essential and non-essential amino acids, vitamins, trace elements, some minerals and contains docosahexaenoic acid (DHA).

Available in Neutral, Orange and Berries flavours.

INDICATIONS

For the dietary management of proven phenylketonuria (PKU) 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/taken at the same time as PKU Lophlex. To ensure tolerance, PKU Lophlex may initially need to be introduced at a lower concentration. To prepare PKU Lophlex, pour 65ml of cold water into a container with a screw top lid. Empty the contents of the sachet into the container. Seal and shake well until the powder is dissolved. PKU Lophlex is best served chilled and consumed immediately.

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, fluid and general nutrition requirements of the patient in quantities as prescribed by a clinician or dietitian. For young children additional micronutrient supplementation may be required. Only intended for use by patients with PKU.

STORAGE

Store in a cool dry place.

PACK SIZE

30 x 28g sachets.

INGREDIENTS

L- glutamine, L-lysine acetate, L-leucine, L-arginine, L-proline, L-tyrosine, glycine, dried glucose syrup, L-aspartic acid, L-valine, calcium hydrogen phosphate, L-isoleucine, L-alanine, L-serine, L-threonine, L-histidine, magnesium acetate, flavouring, L-cystine, choline bitartrate, L-tryptophan, oil from *Cryptocodium* *cohnii*, stabiliser (E412), L-methionine, modified starch (E1450), potassium citrate, citric acid, taurine, calcium phosphate, sodium L-ascorbate, high oleic sunflower oil, inositol, potassium hydrogen phosphate, ferrous sulphate, L-carnitine, zinc sulphate, nicotinamide, DL- α -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.

Ingredients shown are for Neutral.



PKU LOPHLEX POWDER

| AVERAGE CONTENTS | UNIT | PER 100G | PER 28G SACHET |
|--------------------------------|----------------------------|--------------------|--------------------|
| Energy | kcal | 350 / 353 / 352 | 98 / 99 / 98 |
| | kJ | 1487 / 1498 / 1494 | 416 / 419 / 418 |
| Protein | g | 71.4 | 20 |
| Carbohydrate | g | 13.6 / 14.5 / 13.5 | 3.8 / 4.0 / 3.8 |
| sugars | g | 1.0 / 1.4 / 1.1 | 0.29 / 0.38 / 0.31 |
| lactose | g | - | - |
| Fat | g | 1.5 | 0.42 |
| saturates | g | 0.52 | 0.42 |
| monounsaturates | g | 0.35 | 0.10 |
| polyunsaturates | g | 0.59 | 0.16 |
| Docosahexaenoic acid (DHA) | | 0.54 g | 150 mg |
| Dietary fibre | g | 1.9 | 0.54 |
| Minerals | | | |
| sodium | mg (mmol) | <60.00 (<2.61) | <16.8 (<0.73) |
| potassium | mg (mmol) | 358 (9.16) | 100 (2.56) |
| chloride | mg (mmol) | <50.0 (<1.41) | <14.0 (<0.39) |
| calcium | mg (mmol) | 1.320 (32.9) | 370 (9.22) |
| phosphorus | mg (mmol) | 1.000 (32.3) | 280 (9.04) |
| magnesium | mg (mmol) | 382 (15.7) | 107 (4.40) |
| iron | mg | 18.9 | 5.30 |
| zinc | mg | 13.9 | 3.90 |
| copper | mg | 1.90 | 0.53 |
| manganese | mg | 1.9 | 0.53 |
| molybdenum | µg | 89.4 | 25 |
| selenium | µg | 95.5 | 26.8 |
| chromium | µg | 38 | 10.6 |
| iodine | µg | 209 | 58.4 |
| Vitamins | | | |
| vitamin A | µg | 1.020 | 285 |
| vitamin D | µg | 28.6 | 8.00 |
| vitamin E | mg α-TE | 11.4 | 3.20 |
| vitamin K | µg | 88.9 | 24.9 |
| thiamin (B1) | mg | 1.52 | 0.42 |
| riboflavin (B2) | mg | 1.80 | 0.50 |
| niacin (B3) | mg (mg NE) | 25.4 (48.6) | 7.10 (13.6) |
| Pantothenic acid (B5) | mg | 7.13 | 2.0 |
| vitamin B ₆ | mg | 2.06 | 0.58 |
| folic acid | µg | 359 | 100 |
| vitamin B ₁₂ | µg | 6.43 | 1.80 |
| biotin | µg | 191 | 53.4 |
| vitamin C | mg | 131 | 36.6 |
| Others | | | |
| choline | mg | 545 | 153 |
| myo-inositol | mg | 145 | 40.6 |
| L-Carnitine | mg | 46.0 | 12.9 |
| Taurine | mg | 344 | 96.4 |
| Water | | | |
| osmolality | mOsmol/kg H ₂ O | - | 2074 / 2192 / 2189 |
| Amino Acid Profile | | | |
| L-Alanine | g | 3.71 | 1.04 |
| L-Arginine | g | 6.36 | 1.78 |
| L-Aspartic Acid / L-Asparagine | g | 5.57 | 1.56 |
| L-Cyst(e)ine | g | 1.64 | 0.46 |
| Glycine | g | 5.93 | 1.66 |
| L-Glutamic acid / L-Glutamine | g | 7.64 | 2.14 |
| L-Histidine | g | 2.50 | 0.70 |
| L-Isoleucine | g | 3.93 | 1.10 |
| L-Leucine | g | 6.71 | 1.88 |
| L-Lysine | g | 5.14 | 1.44 |
| L-Methionine | g | 1.07 | 0.30 |
| L-Phenylalanine | g | nil added | nil added |
| L-Proline | g | 6.36 | 1.78 |
| L-Serine | g | 3.43 | 0.96 |
| L-Threonine | g | 3.29 | 0.92 |
| L-Tryptophan | g | 1.36 | 0.38 |
| L-Tyrosine | g | 5.93 | 1.66 |
| L-Valine | g | 4.36 | 1.22 |

Note: Nutritional Information for all flavours is in black font, but where different, Neutral flavour remains in black font, Orange flavour is in orange font and Berries flavour is in red font.

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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:
 Australia: 1800 438 500
 New Zealand: 0800 438 500
 nccl@nutricia.com

