



# **NUTRISON ENERGY**

A nutritionally complete, high energy, fibre free, ready-to-use enteral tube feed.

#### **FEATURES**

- Suitable as a sole source of nutrition^
- Whey-dominant P4 protein blend: in line with international recommendations on protein quality/ amino acid profile and for gastro-intestinal tolerance benefits.<sup>1-7</sup>
- Fibre free (<0.1/100ml): for patients requiring residue-restricted diets.
- Fish oils: to provide Docosahexaenoic acid (DHA) and Eicosapentaenoic acid (EPA).
- Medium chain triglycerides (MCT): for easier fat digestion and absorption.<sup>8-9</sup>
- Enriched with carotenoids: in line with general health recommendations for their antioxidant properties and positive effect on immune function.<sup>10</sup>

#### **Indications**

For the dietary management of:

- Disease-related malnutrition.
- Patients with high energy and protein requirements.
- Patients requiring a residue-restricted diet.

## **Important Notice**

- Not for parenteral use.
- · Not suitable for patients with galactosaemia.
- Not suitable for patients with cow's milk protein allergy.
- Not suitable for infants under 1 year of age.
- Use with caution in children aged 1-6 years of age.
- Use with caution in individuals with a seafood allergy.

#### **Directions for Use**

- Shake well before use.
- Use at room temperature.
- Handle aseptically to ensure product remains sterile.
- Usage to be determined by a healthcare professional.

## Storage

- Store in a cool, dry place.
- Once opened, store in the refrigerator.
- Discard unused contents after 24 hours.

#### **Ordering Information**

To order contact Nutricia Customer Care 0800 688 747.

Nutrison	Product	Units	Pharmacode
Energy	code	per carton	
1000ml OpTri Bottle	132199	8	2632950

#### Ingredients

Nutrison Energy: water, maltodextrin, vegetable oils (sunflower oil, rapeseed oil, MCT oil [coconut oil, palm kernel oil]), whey protein (from cow's milk), cow's milk protein caseinate, pea protein, soy protein, emulsifier (soy lecithin), magnesium hydrogen phosphate, potassium citrate, sodium citrate, calcium carbonate, fish oil, potassium chloride, potassium hydroxide, tri calcium phosphate, carotenoids (contains soy)( $\beta$ -carotene, lutein, lycopene), choline chloride, sodium chloride, sodium L-ascorbate, ferrous lactate, zinc sulphate, nicotinamide, DL- $\alpha$  tocopheryl acetate, retinyl acetate, copper gluconate, manganese sulphate, sodium selenite, calcium D-pantothenate, chromium chloride, D-biotin, cholecalciferol, thiamin hydrochloride, pteroylmonoglutamic acid, pyridoxine hydrochloride, riboflavin, potassium iodide, sodium fluoride, sodium molybdate, phytomenadione, cyanocobalamin.

## **Allergen & Cultural Information**

- · Contains: cow's milk protein, soy, fish oil.
- · Does not contain: wheat, egg, nuts\*, lupins.
- Halal certified.
- No Kosher forbidden ingredients.
- · No gluten containing ingredients.
- Low lactose (lactose <2g/100g).



## **NUTRISON ENERGY**

Energy       kcal       150       1500         kJ       630       6300         Protein       g       6 (16% E)       60         - Casein       g       1.5       15         - Whey       g       2.1       21         - Soy       g       1.2       12         - Pea       g       1.2       12         Carbohydrate       g       18.3 (49% E)       183         - Sugars       g       1.1       11         - as Lactose       g       <0.025       <0.25         Fat       g       5.8 (35% E)       58         - Saturates       g       1.5       15
Protein       9       6 (16% E)       60         - Casein       9       1.5       15         - Whey       9       2.1       21         - Soy       9       1.2       12         - Pea       9       1.2       12         Carbohydrate       9       18.3 (49% E)       183         - Sugars       9       1.1       11         - as Lactose       9       <0.025
- Casein 9 1.5 15 - Whey 9 2.1 21 - Soy 9 1.2 12 - Pea 9 1.2 12 Carbohydrate 9 18.3 (49% E) 183 - Sugars 9 1.1 11 - as Lactose 9 <0.025 <0.25 Fat 9 5.8 (35% E) 58
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Carbohydrate       g       18.3 (49% E)       183         - Sugars       g       1.1       11         - as Lactose       g       <0.025
- Sugars 9 1.1 11 - as Lactose 9 <0.025 <0.25 Fat 9 5.8 (35% E) 58
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Fat 9 5.8 (35% E) 58
45
- Saturates 0 15
- Saturates g 1.5 15
- of which MCT g 0.9
- Monounsaturates g 3.3 33
- Polyunsaturates g 1.1 11
- DHA mg 13.7 137
- EPA mg 20 200
- ω6:ω3 3.1:1
Fibre 9 <0.1 <1
Water ml 78 780
Minerals Per 100ml Per 1000ml
Sodium mg 134 1340
mmol 5.8 58
Potassium mg 201 2010
mmol 5.1 51
Calcium mg 108 1080
Phosphorus mg 108 1080
Magnesium mg 34 340
Chloride mg 100 1000
Ca:P ratio 1:1

<sup>\*</sup> Peanut (Arachis hypogaea), Almond (Amygdalus communis L.), Hazelnut (Corylus avellana), Walnut (Juglans regia), Cashew (Anacardium occidentale), Pecan nut (Carya illinoiesis (Wangenh.) K. Koch), Brazil nut (Bertholletia excelsa), Pistachio nut (Pistacia vera), Macadamia nut and Queensland nut (Macadamia ternifolia) and products thereof.

REFERENCES 1. World Health Organization. Protein and amino acid requirements in human nutrition: report of a joint FAO/WHO/UNU expert consultation. 2007; WHO technical report series; no. 935. 2. Kuyumcu S, Menne D, Curcic J, et al. Noncoagulating enteral formula can empty faster from the stomach: A double-blind, randomized crossover trial using magnetic resonance imaging. Journal of Parenteral and Enteral Nutrition. 2015;39:544-551. 3. van den Braak CC, Klebach M, Abrahamse E, et al. A novel protein mixture containing vegetable proteins renders enteral nutrition products non-coagulating after in vitro gastric digestion. Clinical Nutrition 2013;32:765-771. 4. Klebach M, Hofman Z, Bluemel S, et al. Effect of protein type in enteral nutrition formulas on coagulation in the stomach in vivo: Post hoc analyses of a randomized controlled trial with MRI. Abstract presented at Clinical Nutrition Week, January 16-19, Austin, Tx. Journal of Parenteral and Enteral Nutrition. 2016;40:134(21). 5. Lutikhold J, van Norren K, Rijna H, et al. Jejunal feeding is followed by a greater rise in plasma cholecystokinin, peptide YY, glucagon-like peptide 1, and glucagon-like peptide 2 concentrations compared with gastric feeding in vivo in humans: a randomized trial. Am J Clin Nutr. 2016;103:435-43. 6. Abrahamse E, van der Lee S, van den Braak S, et al. Gastric non-coagulation of enteral tube feed yields faster gastric emptying of protein in a dynamic in vitro model. Abstract presented at 34th ESPEN Congress. Sept 8-11; Barcelona, Spain. Clinical Nutrition Supplements. 2012;7:PP239(119) 7. Liu J, Klebach M, Abrahamse E, et al. Specific protein mixture reduces coagulation: An in vitro stomach model study mimicking a gastric condition in critically ill patients. Poster presented at 38th ESPEN Congress. 17-20 September; Copenhagen, Denmark. Clinical Nutrition. 2016;35:MON-P182 (S220). 8. Beckers EJ, Jewendrup A E et al. Gastric emptying of carobhydrate--medium chain triglyceride suspensions at rest. Int J Sports Med. 1992 Nov;13(8):581-4.

Vitamins		Per 100ml	Per 1000ml
Vitamin A	μg-RE	123	1230
Vitamin D	hð	1.5	15
Vitamin E	mg $lpha$ -TE	1.9	19
Vitamin K	hð	8	80
Vitamin C	mg	15	150
Thiamin	mg	0.23	2.3
Riboflavin	mg	0.24	2.4
Niacin	mg NE	2.7	27
Vitamin B <sub>6</sub>	mg	0.26	2.6
Vitamin B <sub>12</sub>	hð	0.32	3.2
Folic Acid	hð	40	400
Pantothenic Acid	mg	0.8	8
Biotin	hð	6	60
Trace Elements		Per 100ml	Per 1000ml
Trace Elements Iron	mg	Per 100ml 2.4	Per 1000ml 24
	mg mg		
Iron	\	2.4	24
Iron Zinc	mg	2.4 1.8	24 18
Iron Zinc Manganese	mg mg	2.4 1.8 0.5	24 18 5
Iron Zinc Manganese Copper	mg mg	2.4 1.8 0.5 270	24 18 5 2700
Iron Zinc Manganese Copper Iodine	hð mð mð	2.4 1.8 0.5 270 20	24 18 5 2700 200
Iron Zinc Manganese Copper Iodine Molybdenum	hð hð mð mð	2.4 1.8 0.5 270 20 15	24 18 5 2700 200 150
Iron Zinc Manganese Copper Iodine Molybdenum Selenium	hð hð hð mð mð	2.4 1.8 0.5 270 20 15 8.6	24 18 5 2700 200 150 86
Iron Zinc Manganese Copper Iodine Molybdenum Selenium Chromium	hð hð hð hð mð mð	2.4 1.8 0.5 270 20 15 8.6 10	24 18 5 2700 200 150 86 100
Iron Zinc Manganese Copper Iodine Molybdenum Selenium Chromium Fluoride	hð hð hð hð mð mð	2.4 1.8 0.5 270 20 15 8.6 10 0.15	24 18 5 2700 200 150 86 100 1.5
Iron Zinc Manganese Copper Iodine Molybdenum Selenium Chromium Fluoride Other	mg hg hg hg hg hg hg hg mg	2.4 1.8 0.5 270 20 15 8.6 10 0.15 Per 100ml	24 18 5 2700 200 150 86 100 1.5

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

> For more information call the Nutricia Careline 0800 438 500



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<sup>^</sup>In accordance with Australia New Zealand Food Standards Code - Standard 2.9.5