

NUTRISON ENERGY

A nutritionally complete, high energy, no added fibre, 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.¹⁻⁷
- **No Added Fibre:** 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.⁸⁻⁹
- **Enriched with carotenoids:** in line with general health recommendations for their antioxidant properties and positive effect on immune function.¹⁰
- **1000ml OpTri bottle:** suitable for closed or open system feeding via ISO compliant flip-top screw cap.

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.
- Must be used under medical supervision.

Directions for Use

- Check appearance before use and shake well.
- Do not dilute or add medications to the formula.
- 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, close the bottle and store in a refrigerator.
- Discard unused contents after 24 hours.

Ordering Information

To order contact Nutricia Customer Experience **0800 688 747**.

Presentation	Product code	Units per carton	Pharmacode
1000ml OpTri Bottle	132199	8	2702355

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**)(β-carotene, lutein, lycopene oleoresin from tomatoes), choline chloride, sodium chloride, sodium L-ascorbate, ferrous lactate, zinc sulphate, nicotinamide, DL-α 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: **milk, soy** and **fish**.
- Halal certified.
- Nutricia UK and/or Ireland have Kosher approval for this product.
- No gluten containing ingredients. No detectable gluten when tested to a sensitivity level of less than 5 parts per million (<5 ppm i.e. <5mg/kg)
- Low lactose (lactose <2g/100g).



NUTRITION INFORMATION		Per 100ml	Per 1000ml
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
- of which MCT	g	0.9	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	3.1:1
Fibre	g	<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	1:1

Vitamins		Per 100ml	Per 1000ml
Vitamin A	µg	123	1230
Vitamin D	µg	1.5	15
Vitamin E	mg α-TE	1.9	19
Vitamin K	µg	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 ₆	mg	0.26	2.6
Vitamin B ₁₂	µg	0.32	3.2
Folic Acid	µg	40	400
Pantothenic Acid	mg	0.8	8
Biotin	µg	6	60
Trace Elements		Per 100ml	Per 1000ml
Iron	mg	2.4	24
Zinc	mg	1.8	18
Manganese	mg	0.5	5
Copper	µg	270	2700
Iodine	µg	20	200
Molybdenum	µg	15	150
Selenium	µg	8.6	86
Chromium	µg	10	100
Fluoride	mg	0.15	1.5
Other		Per 100ml	Per 1000ml
Carotenoids	mg	0.3	3
Choline	mg	55	550
Osmolality	mOsmol/kg H ₂ O	460	460

Food for special medical purposes
for use under medical supervision.

For more information call the
Nutricia Clinical Care Line 0800 438 500

^aIn accordance with Australia New Zealand Food Standards Code – Standard 2.9.5

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 CG, 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. Luttikhoud 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, Jeukendrup AE, et al. Gastric emptying of carbohydrate--medium chain triglyceride suspensions at rest. *Int J Sports Med*. 1992 Nov;13(8):581-4. 9. Hunt JN, Knox MT. A relation between the chain length of fatty acids and the slowing of gastric emptying. *J Physiol*. 1968 Feb;194(2):327-36. 10. Cooper DA, Eldridge AL, Peters JC. Dietary carotenoids and certain cancers, heart disease and age-related macular degeneration: A review of recent research. *Nutrition Reviews* 1999; 57: 201-214.



Nutricia Ltd.
Level 1, 19a Morgan Street
Newmarket, Auckland, New Zealand, 1149.
nutricia.co.nz/adult/
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