

# NUTRISON CONCENTRATED

A nutritionally complete, very high energy, low mineral, ready-to-use enteral tube feed.

## FEATURES

- **Suitable as a sole source of nutrition**<sup>^</sup>
- **2kcal/ml:** for patients with increased energy requirements and fluid/volume restrictions.
- **Whey-dominant P4 protein blend:** in line with international recommendations on protein quality/ amino acid profile and for gastro-intestinal tolerance benefits.<sup>1-8</sup>
- **Reduced mineral content:** in line with recommendations for chronic renal disease.<sup>9</sup>
- **Enriched with carotenoids:** reflecting general health recommendations for their antioxidant properties and positive effect on immune function.<sup>10</sup>
- **Fish oils:** to provide Docosahexaenoic acid (DHA) and Eicosapentaenoic acid (EPA).
- **Fibre-free:** for patients requiring residue-restricted diets.
- **500ml OpTri bottle:** suitable for closed or open system feeding.

## Indications

For use in the dietary management of:

- Disease related malnutrition.
- Conditions requiring a fluid or volume restriction e.g. liver or renal disease, heart failure.
- Conditions requiring a select mineral restriction e.g. renal disease.

## Important Notice

- Not for parenteral use.
- Not suitable for patients with galactosaemia.
- Not suitable for use in 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 used and shake well.
- Use at room temperature.
- Handle aseptically to ensure product remains sterile.
- Usage to be determined by a healthcare professional.
- Do not dilute or add medications to the formula.

## Storage

- Store in a cool, dry place.
- Once opened, close the bottle and store in the refrigerator.
- Discard unused content after 24 hours.

## Ordering Information

To order contact Nutricia Customer Experience **1800 889 480**.

| Nutrison Concentrated | Product code | Units per carton |
|-----------------------|--------------|------------------|
| 500ml OpTri bottle    | 132376       | 12               |

## Ingredients

**Nutrison Concentrated:** 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, potassium citrate, **fish** oil, emulsifier (**soy** lecithin), potassium hydroxide, calcium carbonate, magnesium chloride, sodium citrate, carotenoids (contains **soy**) ( $\beta$ -carotene, lutein, lycopene oleoresin from tomatoes), choline chloride, acidity regulator (citric acid), magnesium hydrogen phosphate, sodium L-ascorbate, magnesium hydroxide, ferrous lactate, potassium chloride, zinc sulphate, nicotinamide, retinyl acetate, DL- $\alpha$ -tocopheryl acetate, copper gluconate, sodium selenite, manganese sulphate, cholecalciferol, calcium D-pantothenate, D-biotin, chromium chloride, thiamin hydrochloride, pteroylmonoglutamic acid, pyridoxine hydrochloride, riboflavin, sodium molybdate, sodium fluoride, potassium iodide, 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).



# NUTRISON CONCENTRATED

For Healthcare Professional Use Only.

| NUTRITION INFORMATION       |      | Per 100ml    | Per 500ml |
|-----------------------------|------|--------------|-----------|
| Energy                      | kcal | 200          | 1000      |
|                             | kJ   | 840          | 4200      |
| Protein                     | g    | 7.5 (15% E)  | 37.5      |
| Casein                      | g    | 1.9          | 9.5       |
| Whey                        | g    | 2.6          | 13        |
| Soy                         | g    | 1.5          | 7.5       |
| Pea                         | g    | 1.5          | 7.5       |
| Carbohydrate                | g    | 20.1 (40% E) | 100.5     |
| Sugars                      | g    | 1.3          | 6.5       |
| as Lactose                  | g    | <0.025       | <0.125    |
| Fat                         | g    | 10 (45%E)    | 50        |
| Saturates                   | g    | 2.5          | 12.5      |
| - of which MCT <sup>†</sup> | g    | 1.7          | 8.5       |
| Monounsaturates             | g    | 5.8          | 29        |
| Polyunsaturates             | g    | 1.7          | 8.5       |
| DHA                         | mg   | 20.4         | 102       |
| EPA                         | mg   | 30.0         | 150       |
| ω6 / ω3 ratio               |      | 2.9:1        | 2.9:1     |
| Fibre                       | g    | <0.1         | <0.5      |
| Water                       | ml   | 70           | 350       |
| Minerals                    |      | Per 100ml    | Per 500ml |
| Sodium                      | mg   | 100          | 500       |
|                             | mmol | 4.3          | 21.5      |
| Potassium                   | mg   | 180          | 900       |
|                             | mmol | 4.6          | 23        |
| Calcium                     | mg   | 80           | 400       |
| Phosphorus                  | mg   | 76           | 380       |
| Magnesium                   | mg   | 35           | 175       |
| Chloride                    | mg   | 80           | 400       |
| Ca:P ratio                  |      | 1:1          | 1:1       |

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

<sup>†</sup> Medium-chain triglycerides.

**REFERENCES** 1. Hurt RT, McClave SA, Martindale RG, *et al.* Summary Points and Consensus Recommendations From the International Protein Summit. *Nutrition in Clinical Practice*. 2017;32:142S-151S. 2. 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. 3. 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. 4. 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. 5. 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). 6. Luttkikhold 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. 7. 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). 8. 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). 9. Dietitians Association of Australia, Nutrition & Dietetics (2006). Evidence based practice guidelines for the nutritional management of chronic kidney disease. 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 .

| Vitamins         |                               | Per 100ml | Per 500ml |
|------------------|-------------------------------|-----------|-----------|
| Vitamin A        | µg                            | 164       | 820       |
| Vitamin D        | µg                            | 2.7       | 13.5      |
| Vitamin E        | mg α-TE                       | 2.5       | 12.5      |
| Vitamin K        | µg                            | 11        | 55        |
| Vitamin C        | mg                            | 20        | 100       |
| Thiamin          | mg                            | 0.30      | 1.5       |
| Riboflavin       | mg                            | 0.32      | 1.6       |
| Niacin           | mg NE                         | 3.6       | 18        |
| Vitamin B6       | mg                            | 0.34      | 1.7       |
| Vitamin B12      | µg                            | 0.42      | 2.1       |
| Folic Acid       | µg                            | 53        | 265       |
| Pantothenic Acid | mg                            | 1.1       | 5.5       |
| Biotin           | µg                            | 8.0       | 40        |
| Trace Elements   |                               | Per 100ml | Per 500ml |
| Iron             | mg                            | 3.2       | 16        |
| Zinc             | mg                            | 2.4       | 12        |
| Manganese        | mg                            | 0.66      | 3.3       |
| Copper           | µg                            | 360       | 1800      |
| Iodine           | µg                            | 27        | 135       |
| Molybdenum       | µg                            | 20        | 100       |
| Selenium         | µg                            | 11        | 55        |
| Chromium         | µg                            | 13        | 65        |
| Fluoride         | mg                            | 0.20      | 1.0       |
| Other            |                               | Per 100ml | Per 500ml |
| Carotenoids      | mg                            | 0.4       | 2.0       |
| Choline          | mg                            | 73        | 365       |
| Osmolality       | mOsmol/<br>kgH <sub>2</sub> O | 525       | 525       |

**Food for special medical purposes  
for use under medical supervision.**

For more information call the  
**Nutricia Clinical Care Line 1800 060 051**

**NUTRICIA**  
LIFE-TRANSFORMING NUTRITION

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