

## Product Information: Vital® Peptide 1 Cal

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# Vital® Peptide 1 Cal

## Specialized peptide-based liquid formula

### Usage

- 1 Vital® Peptide 1 Cal is a ready-to-drink peptide-based liquid formula for patients with impaired gastro-intestinal function. It offers flexibility to meet nutritional needs both orally or as a tube feeding.
- 1 For patients with:
  - GI disease: pancreatitis (acute or chronic) or pancreatic insufficiency; cystic fibrosis; Crohn's disease, ulcerative colitis, or short bowel syndrome; HIV/AIDS-associated enteropathy; celiac disease; gastritis, duodenitis, enterocolitis; dumping syndrome; GI fistulas;
  - GI intolerance symptoms: gas, bloating, diarrhea, and abdominal distention;
  - Acute GI dysfunction: critical illness; trauma; burns; sepsis; posttransplant surgery; post-gastric surgery;
  - Impaired GI function: abdominal and other surgeries; certain cancer treatments; generalized malabsorption; general intolerance to polymeric feedings; cerebral palsy.
- 1 Can be used:
  - As a supplement or as a sole source of nutrition;
  - For early enteral feeding;
  - As the source of enteral nutrition for dual feeding (parenteral + enteral);
  - For transition from total parenteral nutrition (TPN) to enteral nutrition;
  - For trophic feeding.
- 1 For oral or tube feeding use.



### Features

- 1 Nutrient blend designed to help support tolerance and absorption:
  - 100% hydrolyzed protein;
  - 70% of fat as medium chain triglycerides, an easily digested and well-absorbed fat source.<sup>1</sup>
- 1 High in protein, with 9 g per 220-mL serving.
- 1 Provides 28 vitamins and minerals.
- 1 Great-tasting peptide-based feed.
- 1 Gluten-free.
- 1 Kosher.
- 1 Halal.

### Safety Precautions

- 1 Not for parenteral use.

<sup>1</sup> Gallagher M. *The nutrients and their metabolism*. In: Mahan L, Escott-Stump S, eds. *Krause's Food and Nutrition Therapy*. St. Louis, MO: Saunders Elsevier; 2008:39-143.

### Ingredients

#### Liquid Vanilla:

Water, Corn Maltodextrin, Hydrolyzed Whey Protein Concentrate, Modified Palm and Palm Kernel Oils (Medium Chain Triglycerides), Sugar, Hydrolyzed Sodium Caseinate, Canola Oil, Natural and Artificial Flavour, Soy Lecithin, Cellulose, Carrageenan, Cellulose Gum, L-Carnitine, Taurine, Sucralose, MINERALS (Sodium Citrate, Calcium Carbonate, Potassium Phosphate Dibasic, Magnesium Phosphate Dibasic, Potassium Chloride, Potassium Citrate, Ferrous Sulphate, Zinc Sulphate, Manganese Sulphate, Copper Sulphate, Sodium Molybdate, Chromium Chloride, Potassium Iodide, Sodium Selenate), VITAMINS (Choline Chloride, Ascorbic Acid, DL-Alpha-Tocopheryl Acetate, Niacinamide, Calcium D-Pantothenate, Pyridoxine Hydrochloride, Thiamine Chloride Hydrochloride, Riboflavin, Vitamin A Palmitate, Folic Acid, Phylloquinone, D-Biotin, Vitamin D3, Cyanocobalamin), and As needed: Magnesium Chloride, Tricalcium Phosphate, Potassium Hydroxide.

**Allergens:** Contains: Milk, Soy.

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## Availability

| List Number | Item                                                   |
|-------------|--------------------------------------------------------|
| 0S297A31    | Vital® Peptide 1 Cal, Vanilla; 220-mL bottles; 30/case |

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Nutrition Information - Liquid Vanilla

|                      | 100 mL    | 220 mL    |
|----------------------|-----------|-----------|
|                      | Value     | Value     |
| ENERGY, Cal (kJ)     | 100 (420) | 220 (925) |
| Protein, g           | 4.0       | 8.8       |
| Taurine, mg          | 11        | 24        |
| Carnitine, mg        | 11        | 24        |
| Fat, g               | 3.7       | 8.1       |
| Linoleic Acid, g     | 0.2       | 0.4       |
| Linolenic Acid, g    | 0.1       | 0.2       |
| Carbohydrate, g      | 13        | 28        |
| Sucralose, mg        | 8.6       | 19        |
| Water, g             | 86        | 188       |
| Vitamin A, IU        | 333       | 733       |
| Vitamin D, IU        | 28        | 62        |
| Vitamin E, IU        | 2.2       | 4.9       |
| Vitamin K, mg        | 0.0058    | 0.013     |
| Vitamin C, mg        | 12        | 26        |
| Thiamine, mg         | 0.17      | 0.37      |
| Riboflavin, mg       | 0.22      | 0.48      |
| Niacin, mg           | 1.3       | 2.9       |
| Vitamin B6, mg       | 0.22      | 0.48      |
| Folic Acid, mg       | 0.024     | 0.053     |
| Vitamin B12, mg      | 0.00035   | 0.00077   |
| Pantothenic Acid, mg | 0.8       | 1.8       |
| Biotin, mg           | 0.0045    | 0.0099    |
| Choline, mg          | 50        | 110       |
| Sodium, mg           | 128       | 282       |
| Potassium, mg        | 143       | 315       |
| Chloride, mg         | 100       | 220       |
| Calcium, mg          | 72        | 158       |
| Phosphorus, mg       | 66        | 145       |
| Magnesium, mg        | 20        | 44        |
| Iron, mg             | 1.5       | 3.3       |
| Zinc, mg             | 1.2       | 2.6       |
| Iodine, mg           | 0.011     | 0.024     |
| Copper, mg           | 0.17      | 0.37      |
| Manganese, mg        | 0.36      | 0.79      |
| Selenium, mg         | 0.0065    | 0.014     |
| Chromium, mg         | 0.006     | 0.013     |
| Molybdenum, mg       | 0.011     | 0.024     |

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Product Characteristics

|                                                     | Value                                                             |
|-----------------------------------------------------|-------------------------------------------------------------------|
| Caloric Density (Cal/mL)                            | 1.0                                                               |
| Protein (% of total energy)                         | 16.3                                                              |
| Protein Source                                      | Hydrolyzed whey protein concentrate, hydrolyzed sodium caseinate  |
| Fat (% of total energy)                             | 31.8                                                              |
| MCT oil (% of total fats)                           | 70                                                                |
| Omega-6:Omega-3 Ratio                               | 2.6:1                                                             |
| Fat Source                                          | MCT (modified palm and palm kernel oil), canola oil, soy lecithin |
| Carbohydrate (% of total energy)                    | 51.9                                                              |
| Carbohydrate Source                                 | Corn maltodextrin, sucrose                                        |
| Total Cal:g Nitrogen Ratio                          | 153:1                                                             |
| Nonprotein Cal:g Nitrogen Ratio                     | 128:1                                                             |
| Water (g/L)                                         | 853                                                               |
| Osmolality (mOsm/kg water)                          | 380                                                               |
| Renal Solute Load (mOsm/L)                          | 348                                                               |
| Recommended Tube Size for Gravity/Pump Feeding (Fr) | 10/8                                                              |
| Fibre                                               | No                                                                |

Preparation

INSTRUCTIONS FOR USE:

- 1 Store unopened at room temperature.
- 1 Shake well.
- 1 Once opened, reclose, refrigerate and use within 24 hours.

Oral Feeding:

- 1 May be used for supplemental or sole source nutrition.
- 1 Best served chilled.

Tube Feeding:

- 1 Adjust flow rate and volume according to patient's condition and tolerance.
- 1 Feed at room temperature.
- 1 Minimal tube size: gravity feeding 10 Fr, pump feeding 8 Fr.
- 1 Additional fluid requirements should be met by giving water between or after feedings or when flushing the tube.
- 1 Care should be taken to avoid contamination of this product during preparation and administration.