

VITAL® HN

SPECIALIZED NUTRITION WITH PARTIALLY HYDROLYZED PROTEIN



USAGE

VITAL® HN is a partially hydrolysed, low-residue elemental formula for people with chronically impaired gastrointestinal function (limited digestion/absorption). Intended as source of complete nutrition.

- For maldigestion, malabsorption
- For inflammatory bowel disease
- For pancreatitis
- For radiation enteritis
- For oral or tube feeding

FEATURES

- Complete, balanced nutrition
- For supplemental or as a sole source of nutrition
- Contains peptides and free amino acids to use the dual protein absorption system of the gut
- < 4 g of fat/300-Cal serving – beneficial for patients who need a low-fat diet
- Gluten-free
- Vanilla flavour

NUTRIENT FACTS

(At standard dilution: 1 packet (79 g) mixed with 255 mL of water)

Nutrient density (Cal/mL)	1.0
Protein (% Cal)	16.7
Carbohydrate (% Cal)	73.9
Fat (% Cal)	9.4
Total Cal/g nitrogen	150:1
Nonprotein Cal/g nitrogen	125:1
Water (g/L)	867
Kosher	No
Gluten-free	Yes
Lactose-free	< 0.25 g/pack
Low residue	Yes
Osmolality (mOsm/kg water)	500
Min. tube size for gravity/ pump feeding (Fr)	8/5
Renal solute load (mOsm/L)	327

AVAILABILITY

Powder:

79-g packets, 6 packets/carton; 4 cartons/case:
Vanilla # 00766-954

Standard dilution:

One packet of **VITAL® HN** powder (79 g) mixed with 255 mL (8.6 fl oz) of water yields approximately 300 mL

	Per 100 mL	Powder 1 packet, 79 g	Per 1000 mL
ENERGY			
Kilojoules	420	1260	4200
Calories	100	300	1000
PROTEIN (g)	4.2	12.5	42
% of total energy		16.7%	
Source	Partially hydrolyzed soy protein/ collagen, whey protein concentrate, whey protein hydrolysate, free essential amino acids		
FAT (g)	1.1	3.3	11
Polyunsaturated fatty acids (g)	0.41	1.23	4.1
Monounsaturated fatty acids (g)	0.12	0.36	1.2
Saturated fatty acids (g)	0.48	1.44	4.8
Omega 6:Omega 3 ratio		48:1	
Cholesterol (mg)	< 2.0	< 6.0	< 20
MCT oil		45%	
Linoleic acid (g)	0.4	1.2	4
% of total energy		9.4%	
Source	Safflower & MCT oils, soy lecithin		
CARBOHYDRATE (g)	18.5	55	185
Dietary fibre (g)	0	0	0
Lactose (g)		< 0.25 per packet	
% of total energy		73.9%	
Source	Corn maltodextrin, sugar		

VITAMINS			
Vitamin A (RE/IU)	100/333	300/1000	1000/3332
Vitamin D ₃ (µg/IU)	0.68/27	2/80	6.8/267
Vitamin E (mg/IU)	2.2/3	6.6/9	22/30
Vitamin K ₁ (mg)	0.005	0.016	0.05
Vitamin C (mg)	20	60	200
Thiamine (mg)	0.2	0.6	2
Riboflavin (mg)	0.23	0.68	2.3
Niacin (mg)	2.67	8	26.7
Vitamin B ₆ (mg)	0.27	0.8	2.7
Vitamin B ₁₂ (mg)	0.0008	0.0024	0.008
Folic acid (mg)	0.053	0.16	0.53
Pantothenic acid (mg)	1.33	4	13.4
Biotin (mg)	0.04	0.12	0.4
Choline (mg)	40	120	400

MINERALS			
Calcium (mg)	67	200	667
Phosphorus (mg)	67	200	667
Magnesium (mg)	26.7	80	267
Iron (mg)	1.2	3.6	12
Zinc (mg)	1.5	4.5	15
Copper (mg)	0.14	0.4	1.4
Iodine (mg)	0.01	0.03	0.1
Manganese (mg)	0.34	1	3.4
Selenium (mg)	0.0047	0.014	0.047
Chromium (mg)	0.008	0.024	0.08
Molybdenum (mg)	0.01	0.03	0.1
Sodium (mg)	57	170	566
Sodium (mmol)	2.5	7.4	24.6
Potassium (mg)	140	420	1400
Potassium (mmol)	3.6	10.7	35.8
Chloride (mg)	103	310	1032
Chloride (mmol)	2.9	8.7	29.1

INGREDIENTS

Corn maltodextrin, sugar (sucrose), partially hydrolyzed soy protein/collagen, whey protein concentrate, safflower oil, whey protein hydrolysate, medium chain triglycerides (modified coconut oil and/or palm kernel oil), magnesium sulphate, natural and artificial flavour, calcium phosphate, potassium phosphate, L-tyrosine, L-leucine, L-valine, salt (sodium chloride), L-isoleucine, L-phenylalanine, L-histidine, choline chloride, ascorbic acid, L-methionine, magnesium chloride, L-threonine, monoglycerides, soy lecithin, L-tryptophan, *dl*- α -tocopheryl acetate, zinc sulphate, niacinamide, ferrous sulphate, calcium pantothenate, manganese sulphate, thiamine chloride hydrochloride, cupric sulphate, pyridoxine hydrochloride, riboflavin, vitamin A palmitate, potassium citrate, folic acid, biotin, chromium chloride, sodium molybdate, potassium iodide, sodium selenate, phylloquinone, cyanocobalamin, vitamin D₃.

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