

OPTIMENTAL®

SPECIALIZED, PEPTIDE-BASED LIQUID FORMULA
For patients with malabsorptive conditions



USAGE

OPTIMENTAL® is a peptide-based liquid formula containing a specialized protein system, structured lipids, fructooligosaccharides (FOS), and elevated levels of antioxidants. It is scientifically designed for the dietary management of people with malabsorptive conditions.

Suggested indications:

- For patients with metabolic stress and acute trauma
- For patients with Crohn's disease
- For patients with short-bowel syndrome
- For patients with inflammatory bowel disease
- For supplemental or as a sole source of nutrition

FEATURES

- Complete, balanced nutrition
- Contains EPA (2.3 g/L) and DHA (1.0g/L) to help modulate inflammation and support immune function¹
- Structured lipid system combines medium-chain triglycerides (MCTs) with eicosapentaenoic acid (EPA) for increased absorption of omega-3 fatty acids
- Supplemented in L-arginine (total arginine: 3.6 g/L)
- Contains elevated levels of antioxidants: vitamins C and E, and β -carotene
- Lactose- and gluten-free
- Low residue
- FOS to stimulate the growth of beneficial GI bacteria in the colon. To learn more about FOS, please see product guide introduction.
- Macro 3™ for tolerance: An advanced blend of hydrolyzed protein, structured lipid and prebiotic (NutraFlora® scFOS®) to promote tolerance and absorption
- For oral or tube feeding

NUTRIENT FACTS

Nutrient density (Cal/mL)	1.0
Protein (% Cal)	20.6
Carbohydrate (% Cal)	54.4
Fat (% Cal)	25.0
Total Cal/g nitrogen	122:1
Nonprotein Cal/g nitrogen	97:1
Water (g/L)	831
Kosher	No
Gluten-free	Yes
Lactose-free	Yes
Low residue	Yes
Osmolality (mOsm/kg water)	585
Min. tube size for gravity/ pump feeding (Fr)	8/5
Renal solute load (mOsm/L)	419

AVAILABILITY

Ready to Use:

54638-825 Vanilla 237-mL can 24/case

REFERENCE:

1. Kenler AS et al: Early enteral feeding in postsurgical cancer patients: Fish oil structured lipid-based polymeric formula versus a standard polymeric formula. *Ann Surg* 1996;223(3):316-33.

	Per 100 mL	Per 237 mL
ENERGY		
Calories	100	237
Kilojoules	420	995
PROTEIN (g)	5.1	12.2
% of total energy	20.6%	
Taurine (mg)	10.6	25
L-carnitine (mg)	10.6	25
Source	Whey protein hydrolysate, partially hydrolysed sodium caseinate and free arginine	
FAT (g)	2.8	6.7
% of total energy	25.0%	
Polyunsaturated fatty acids (g)	0.97	2.30
Omega 6:Omega 3 ratio	1.88:1	
Monounsaturated fatty acids (g)	0.55	1.3
Saturated fatty acids (g)	1.01	2.4
Cholesterol (mg)	< 3	< 7.11
Source	Structured lipid (interesterified marine oil & MCT), canola & soybean oils	
Marine / MCT structured lipid oil	60%	
CARBOHYDRATE (g)	13.9	32.9
% of total energy	54.4%	
FOS (g)	0.5	1.2
Source	Corn maltodextrin, sucrose and FOS (Fructooligosaccharides)	

VITAMINS		
Vitamin A (RE/IU)	247/823	586/1950*
Vitamin D ₃ (µg/IU)	0.7/28	1.7/67
Vitamin E (mg/IU)	15/21	37/50
Vitamin K ₁ (mg)	0.008	0.020
Vitamin C (mg)	21	50
Thiamine (mg)	0.21	0.50
Riboflavin (mg)	0.24	0.57
Niacin (mg)	2.8	6.7
Vitamin B ₆ (mg)	0.28	0.67
Folic acid (mg)	0.057	0.135
Vitamin B ₁₂ (mg)	0.0008	0.002
Pantothenic acid (mg)	1.4	3.4
Biotin (mg)	0.042	0.100
Choline (mg)	42	100
*1115 IU of vitamin A activity supplied by 0.84 mg of β-carotene		

MINERALS		
Sodium (mg)	112	265
Sodium (mmol)	4.9	11.5
Potassium (mg)	171	405
Potassium (mmol)	4.4	10.4
Chloride (mg)	120	285
Chloride (mmol)	3.4	8.0
Calcium (mg)	106	250
Phosphorus (mg)	106	250
Magnesium (mg)	42	100
Iron (mg)	1.3	3.0
Zinc (mg)	1.6	3.8
Iodine (mg)	0.016	0.038
Copper (mg)	0.14	0.34
Manganese (mg)	0.35	0.84
Selenium (mg)	0.005	0.012
Chromium (mg)	0.008	0.020
Molybdenum (mg)	0.010	0.025

INGREDIENTS

Water, corn maltodextrin, sugar (sucrose), whey protein hydrolysate, structured lipid (interesterified marine oil and medium-chain triglycerides), partially hydrolyzed sodium caseinate, fructooligosaccharides, canola oil, soybean oil, calcium phosphate, natural and artificial flavour, L-arginine, sodium citrate, cellulose gel, magnesium phosphate, diacetyl tartaric acid esters of mono-diglycerides, magnesium chloride, potassium citrate, ascorbic acid, choline chloride, cellulose gum, *d*- α -tocopheryl acetate, taurine, L-carnitine, zinc sulphate, ferrous sulphate, niacinamide, calcium pantothenate, manganese sulphate, thiamine chloride hydrochloride, pyridoxine hydrochloride, β-carotene, riboflavin, cupric sulphate, vitamin A palmitate, folic acid, biotin, potassium iodide, sodium selenate, phyloquinone, cyanocobalamin, vitamin D₃.

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