

Peptamen (liquid)

Nutritionally balanced, whey peptide, isocaloric, complete liquid diet for tube feeding and oral nutrition.

Peptamen® is appropriate for patients with compromised gastro-intestinal function, feeding tolerance issues, and transition from TPN or along with TPN. Clinical applications include early enteral nutrition post-surgery, pre-surgical support, short bowel syndrome, pancreatic insufficiency, enteric fistulas, inflammatory bowel disease, HIV/AIDS, chemoradiation therapy, diarrhea, hypoalbuminemia, elevated gastric residuals and intolerance of polymeric diets.

Nutritional profile

Peptamen® has a 1.0 kcal/ml caloric density and is nutritionally complete, with a balanced energy distribution of 16% protein, 33% fat and 51% carbohydrate.

Ingredients

Peptamen® unflavoured: maltodextrin, whey peptides, medium chain triglycerides (MCT), corn starch, soy oil, vitamins, minerals and trace elements. Peptamen® vanilla: maltodextrin, whey peptides, sucrose, MCT, corn starch, soy oil, vanilla flavour, vitamins, minerals, sweetener (potassium acesulfam) and trace elements.

Lipid

The lipid sources of Peptamen® are MCT and soy oil. MCT, representing 70% of the lipid fraction, is an easily absorbed and rapidly utilised source of energy. Peptamen® may be used in case of fat restriction as long chain triglycerides provides only 10% TEI.

- 3.7g lipid/100ml or 100kcal
- Essential fatty acids provide 4.5 % TEI, exceeding minimum requirements.
- ω6/ω3 ratio of 7:1

Fatty acid profile:

Saturated	80 %*
Monounsaturated	6 %
Polyunsaturated	14 %

*MCT, which do not elevate serum lipids, supply 87% of the saturated fat (2.6g/100ml).

Protein

Peptides, from hydrolysed whey protein, provide an easily absorbed and well utilised source of nitrogen.

- 4.0g protein/100ml or 100kcal

Research has shown peptides to offer advantages over free amino acid and intact protein diets.

- Better protein absorption and GI tolerance compared to free amino acid or intact protein diets.
- Better maintenance of GI tract integrity compared to free amino acids or intact proteins.
- Superior protein quality, bioavailability, net utilisation and growth compared to free amino acid or intact protein diets.
- More favourable recovery, outcome and survival in animal studies comparing peptides to free amino acids or intact proteins.

Peptamen® is gluten free.

Carbohydrate

Carbohydrate sources are maltodextrin and corn starch (sucrose in vanilla flavoured).

- 12.7g carbohydrate/100ml or 100kcal
- This is a moderate carbohydrate formula which is important for patients with glucose intolerance.

Peptamen® is lactose free.

Micronutrients

Vitamin and mineral requirements are met or exceeded in 2000ml (2000kcal).

Fibre

Peptamen® is a low residue diet.

Osmolality / Osmolarity

- Unflavoured: 240 mosm/kg H₂O / 200 mosm/l
- Vanilla flavoured: 340 mosm/kg H₂O / 280 mosm/l

Peptamen® has a low osmolality thus reducing the risk of osmotic diarrhea.

Packaging

Peptamen® unflavoured is available in 500ml and 1 litre Dripac®-flex and 375ml can. Peptamen® vanilla is available in 200ml Cup.

Dripac®-flex is an innovative, non-air dependent closed system.

Dripac®-flex offers safety, convenience and reduced waste in an easy-to-use enteral feeding system. Ready-to-use, UHT processed.

A full range of compatible sets and devices is also available.

For a regular flow rate, the use of a pump is advisable.

NUTRITIONAL COMPOSITION

per 100 ml

ENERGY	kcal	100
	kJ	418
PROTEIN	(16% TEI)	g 4.0
CARBOHYDRATE	(51% TEI)	g 12.7
FAT	(33% TEI)	g 3.7
DIETARY FIBRE		g 0
Sodium		mg 60
Potassium		mg 110
Calcium		mg 50
Phosphorus		mg 50
Magnesium		mg 20
Chloride		mg 60
Iron		mg 1.1
Zinc		mg 1.0
Copper		mg 0.10
Manganese		mg 0.20
Chromium		µg 5.0
Molybdenum		µg 10
Selenium		µg 5.0
Iodine		µg 10
Vitamin A	µg RE (IU)	84 (280)
β-carotene	µg RE (IU)	16 (55)
Vitamin D	µg (IU)	1.0 (40)
Vitamin E	mg α-TE (IU)	1.3 (2.0)
Vitamin K		µg 5.5
Vitamin C		mg 10
Thiamin (vit. B1)		mg 0.12
Riboflavin (vit. B2)		mg 0.13
Pantothenic acid		mg 0.50
Vitamin B6		mg 0.17
Vitamin B12		µg 0.40
Niacin	mg (mg NE)	1.2 (2.7)
Folic acid		µg 24
Biotin		µg 3.0
Choline		mg 20
Carnitine		mg 10
Taurine		mg 10

TEI: Total Energy Intake

Various Peptamen® flavour sachets are available to be added to Peptamen.

Use under medical supervision.

