



Nutren Diabetes

Great tasting, complete diet, specifically designed for oral supplementation or enteral tube feeding of patients with hyperglycemia.

Nutren® Diabetes is a complete diet with a flexible caloric density for oral supplementation or enteral tube feeding of patients with hyperglycemia. Nutren® Diabetes is rich in monounsaturated fatty acids (MUFA), complex carbohydrates and has a unique fiber blend, all designed to facilitate normalisation of blood glucose.

Nutren® Diabetes is appropriate for patients with normal gastrointestinal function for prevention and correction of malnutrition and long-term tube feeding.

Nutritional profile

Nutren® Diabetes powder can be reconstituted to a variety of caloric densities. It is nutritionally complete, with an energy distribution of 15% protein, 40% lipid, and 45% carbohydrate.

Ingredients

Tapioca dextrin, High oleic sunflower oil, Whey protein, Potassium caseinate, Low erucic rapeseed oil, Potato starch, Acacia gum, Pea fibre, Inulin, Soy lecithin, Vanilla flavour, Vitamins, Minerals and Trace elements.

Lipid

The lipid source of Nutren® Diabetes is sunflower oil and low erucic rapeseed oil. This lipid blend is consistent with recent recommendations for diabetic diets.

- 4.4g lipid/100kcal
- Saturated fatty acids: 3.8% TEI
- MUFA + Carbohydrate: 72% TEI
- Essential Fatty acids: 6% TEI, exceeding minimum requirements
- ω6/ω3 ratio of 5:1.

Protein

The protein source is casein and whey protein (50%:50%), thus providing high biological value and excellent digestibility.

- 3.8g protein/100kcal.

Nutren® Diabetes is gluten free.

Carbohydrate

Carbohydrates are provided by complex carbohydrates from tapioca starch to help modulate glycaemic response. Nutren® Diabetes is free of mono- and disaccharides.

- 11.2g carbohydrate/100kcal

Nutren® Diabetes is lactose free to avoid gastro-intestinal discomfort and diarrhoea associated with lactose intolerance.

Micronutrients

Vitamins and minerals daily requirements are met in 1500ml (1500kcal).

Fibre

Nutren® Diabetes has a well-balanced fibre profile including 66% soluble and 34% insoluble fibre. The fibre source is acacia gum, pea fibre and inulin.

- 1.5g fibre/100kcal

Soluble fibre is associated with delayed gastric emptying and has been shown to assist in management of blood glucose and lipid levels.

Soluble fibre, which has a prebiotic or bifidogenic effect, stimulates the growth of healthy microflora, at the expense of potential pathogens.

The fermentation of soluble fibre produces short chain fatty acids (SCFA), which are a fuel of the colonocytes and help to maintain the intestinal integrity and barrier function. By lowering the pH in the colon, SCFA further control the overgrowth of pathogenic bacteria and improve mineral and fluid absorption, helping to prevent diarrhea. This is particularly important for patients undergoing antibiotic therapy.

Insoluble fibre increases bulk and reduces colonic transit time.

Both soluble and insoluble fibre help control constipation.

Osmolality/Osmolarity

- 350 mosm/kg H₂O / 300 mosm/l

Nutren® Diabetes has a low osmolality to reduce the risk of osmotic diarrhoea.

Packaging

Nutren® Diabetes is available in 400g tins and 55g sachets.

Use under medical supervision.

NUTRITIONAL COMPOSITION		per 1 liter (1kcal/ml)
ENERGY	kcal	1000
PROTEIN	(15% TEI) g	38.1
FAT	(40% TEI) g	44.2
CARBOHYDRATE	(45% TEI) g	111.7
DIETARY FIBRE	g	15
Sodium	mg	870
Potassium	mg	1260
Calcium	mg	680
Phosphorus	mg	680
Magnesium	mg	270
Chloride	mg	1200
Iron	mg	12
Zinc	mg	14
Copper	mg	1.4
Manganese	mg	2680
Chromium	mcg	75
Molybdenum	mcg	120
Selenium	mcg	40
Iodine	mcg	100
Vitamin A	IU	4000
Vitamin D	IU	280
Vitamin E	IU	28
Vitamin K	mcg	50
Vitamin C	mg	140
Thiamin (vit. B1)	mg	2
Riboflavin (vit. B2)	mg	2.4
Niacin	mg	28
Vitamin B6	mg	4
Folic acid	mcg	540
Pantothenic acid	mg	14
Vitamin B12	mcg	8
Biotin	mcg	400
Choline	mg	450
Carnitine	mg	80
Taurine	mg	80

TEI: Total Energy Intake

