

Nutrini Energy

Description

Nutrini Energy is a Food for Special Medical Purposes for use under medical supervision. Nutrini Energy is a nutritionally complete 1.5 kcal/ml tube feed for the dietary management of disease related malnutrition in children aged 1 - 6 years or 8 - 20kg in body weight, with increased nutritional requirements and/or requiring fluid restriction. Nutrini Energy is suitable as a sole source of nutrition.

Indications

For enteral use only. Nutrini Energy is available in the Republic of Ireland under the General Medical Services (GMS) Scheme and the Drug Payment Scheme (DPS). In Northern Ireland, Nutrini Energy is ACBS approved for the following indications: short bowel syndrome; intractable malabsorption; pre-operative preparation of undernourished patients; dysphagia; bowel fistulae; disease related malnutrition; growth failure; total gastrectomy; proven inflammatory bowel disease.

Contraindications

Not for intravenous use. Not suitable for infants under 1 year of age. Not suitable for patients with galactosaemia.

Directions for use

Shake well before opening, immediately prior to use at room temperature. Maximum hanging time 24 hours. Glass bottles can be decanted into a sterile reservoir, taking care to handle aseptically at all times. Nutricia Packs can be attached directly to a Flocare Pack giving set.

Storage

Store in a cool, dry place (5 - 25°C) and away from direct sunlight. Once opened, glass bottles should be stored in a refrigerator (<5°C) if not being used and any unused contents discarded after 24 hours.

Shelf life

Glass bottle: 15 months. Pack: 12 months.
Best before date: see front of pack or side of glass label.

Ingredients

Water, maltodextrin, vegetable oils (canola, sunflower), sodium caseinate (from milk), whey protein concentrate (from milk), emulsifier (soy lecithin), fish oil, acidity regulator (citric acid), tri calcium phosphate, potassium chloride, di potassium hydrogen phosphate, sodium chloride, calcium hydroxide, tri potassium citrate, choline chloride, calcium hydroxide, carotenoid mixture (contains soy) (β -carotene, lutein, lycopene), sodium L-ascorbate, magnesium hydroxide, potassium hydroxide, taurine, ferrous lactate, zinc sulphate, L-carnitine, nicotinamide, DL- α -tocopheryl acetate, retinyl acetate, copper gluconate, sodium selenite, cholecalciferol, manganese sulphate, D-biotin, calcium D-pantothenate, thiamin hydrochloride, chromium chloride, riboflavin, pyridoxine hydrochloride, pteroylmonoglutamic acid, potassium iodide, sodium fluoride, sodium molybdate, phytomenadione, cyanocobalamin.

NUTRINI ENERGY IS GLUTEN AND LACTOSE FREE.

Average Contents	Unit	per 100ml	per 100kcal
Energy:	kcal	150	100
	kJ	630	420
Protein:	g	4.1	2.75
nitrogen	g	0.6	0.4
NPC:N		206:1	206:1
% of total energy	%	11	11
Carbohydrate:	g	18.5	12.3
polysaccharides	g	17.1	11.4
sugars	g	1.5	1.0
– lactose	g	<0.025	<0.025
% of total energy	%	49	49
Fat:	g	6.7	4.4
saturates	g	0.8	0.5
% of total energy	%	40	40
Dietary fibre:	g	0	0
Minerals:			
sodium	mg (mmol)	90 (3.9)	60 (2.6)
potassium	mg (mmol)	165 (4.2)	110 (2.8)
chloride	mg (mmol)	143 (4.0)	95 (2.7)
calcium	mg (mmol)	90 (2.2)	60 (1.5)
phosphorus	mg (mmol)	75 (2.4)	50 (1.6)
magnesium	mg (mmol)	17 (0.7)	11 (0.5)
iron	mg	1.5	1.0
zinc	mg	1.5	1.0
copper	mcg	122	81
manganese	mg	0.23	0.15
fluoride	mg	0.11	0.07
molybdenum	mcg	6.0	4.0
selenium	mcg	4.5	3.0
chromium	mcg	5.3	3.5
iodine	mcg	15.0	10.0
Vitamins:			
vitamin A	mcg RE	61	41
– carotenoids	mg	0.15	0.10
vitamin D	mcg	1.5	1.0
vitamin E	mg α -TE	1.9	1.3
vitamin K	mcg	6.0	4.0
thiamin	mg	0.23	0.15
riboflavin	mg	0.24	0.16
niacin	mg NE	1.7	1.1
pantothenic acid	mg	0.50	0.33
vitamin B6	mg	0.18	0.12
folic acid	mcg	23	15
vitamin B12	mcg	0.27	0.18
biotin	mcg	6.0	4.0
vitamin C	mg	15	10
Others:			
carnitine	mg	3.0	2.0
choline	mg	30	20
taurine	mg	11	7.5
osmolarity	mOsm/l	300	300
osmolality	mOsm/kg H ₂ O	390	390
potential renal solute load*	mOsm/l	375	375

*Method: Fomon SJ and Ziegler EE. (1999) J Pediatrics, 134:11-14.