



This information is intended for healthcare professional use only

DATA CARD

COW & GATE NUTRIPREM 1 RTF 70ML

DESCRIPTION

Cow & Gate nutriprem 1 low birthweight formula is a food for special medical purposes, for the dietary management of preterm and low birthweight infants. It is part of the nutriprem range and has been developed and formulated in line with the latest guidelines in preterm nutrition and is compliant with ESPGHAN 2010 recommendations for infants weighing $>1\text{kg}^1$. It provides energy and nutrient levels which support intrauterine growth rates, long chain polyunsaturated fatty acids, arachidonic acid and docosahexaenoic acid (AA & DHA), nucleotides, vitamins and minerals to help meet the requirements of preterm infants and should reduce the need for additional nutrient supplementation¹. It also contains prebiotic oligosaccharides (GOS/FOS*) and milk fat, which are currently not contained in other preterm formulas in the UK.

PRESCRIBABILITY

Cow & Gate nutriprem 1 low birthweight formula is a food for special medical purposes, for the dietary management of preterm and low birthweight infants. For hospital use only.

CONTRA-INDICATIONS

- i. Not suitable for intravenous use.
- ii. Cow & Gate nutriprem 1 low birthweight formula should only be used under the close medical supervision of a neonatologist or dietitian.
- iii. The levels of most vitamins and minerals in Cow & Gate nutriprem 1 low birthweight formula are higher than in infant milks and additional supplements are not usually necessary. If indicated, however, the increased nutrient density of Cow & Gate nutriprem 1 low birthweight formula should be considered.

IMPORTANT NOTICE

Breastfeeding is best for babies. Cow & Gate nutriprem 1 is a food for special medical purposes for the dietary management of preterm and low birthweight infants. It should only be used under medical supervision, after full consideration of the feeding options available including breastfeeding. Suitable for use as the sole source of nutrition for preterm and low birthweight infants.

PACK FORMATS

Cow & Gate nutriprem 1 low birthweight formula is available in a ready-to-feed liquid format. 70ml bottles are supplied to hospitals only in boxes of 24.

SHELF-LIFE

9 months. Best before date: see top of pack.

PREPARATION AND STORAGE

All Cow & Gate products carry preparation instructions. Please see packaging for further information. Once opened, unused milk can be kept refrigerated for max. 8 hours. For hygiene reasons, if fed from the 70ml ready-to-feed bottle, discard contents within 1 hour of opening.

Store ready-to-feed bottles in a cool, dry place away from sunlight before opening.

INGREDIENTS

Water, Skimmed **milk**, Maltodextrin, Lactose (from **milk**), Vegetable oils (High oleic sunflower oil, Rapeseed oil, Sunflower oil, Medium chain triglycerides (Coconut oil, Palm oil), Evening primrose oil), Galacto-oligosaccharides (GOS) (from **milk**), Whey protein (from **milk**), Anhydrous **milk** fat, Phospholipid (from **egg**), Precipitated **milk** minerals, Fructo-oligosaccharides (FOS), **Fish** oil, Sodium chloride, Vitamin C, Acidity regulator (Citric acid), Inositol, Oil from *Mortierella alpina*, Calcium phosphate, Sodium hydrogen carbonate, Sodium citrate, Calcium hydroxide, Choline chloride, Dipotassium hydrogen phosphate, Iron lactate, Emulsifier (**Soy** lecithin), Taurine, Vitamin A, Vitamin E, Niacin, Zinc sulphate, Cytidine 5'-monophosphate, Vitamin D₃, Antioxidant (Ascorbyl palmitate), L-Carnitine, Pantothenic acid, Uridine 5'-monophosphate sodium salt, Inosine 5'-monophosphate sodium salt, Adenosine 5'-monophosphate, Guanosine 5'-monophosphate sodium salt, Thiamin, Riboflavin, Vitamin B₆, Copper sulphate, Folic acid, Potassium iodide, Manganese sulphate, Vitamin K₁, Sodium selenite, Biotin.

ALLERGY ADVICE

For allergens, see ingredients in **bold**.

DIETARY INFORMATION

Halal certified
Not suitable for vegetarians

PDS: 1008115_V1

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REFERENCES: 1. Agostoni C et al JPN 2010;50:85-91
*Galacto-oligosaccharides/Fructo-oligosaccharides.

Healthcare professional website
eln.nutricia.co.uk

Healthcare professional helpline
0800 996 1234

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TYPICAL VALUES	UNITS	Per 100ml	Per 100kcal
ENERGY			
	kJ	335	419
	kcal	80	100
Fat	g	3.9	4.9
of which, saturates	g	1.6	2.0
of which, mono-unsaturates	g	1.7	2.1
of which, polyunsaturates	g	0.6	0.8
of which, LCPs ¹	g	0.046	0.058
- Arachidonic acid (AA)	g	0.02	0.025
- Docosahexaenoic acid (DHA)	g	0.02	0.025
of which, MCT ²	g	0.34	0.43
Carbohydrate	g	8.4	10.5
of which, sugars	g	5.4	6.8
of which, lactose	g	5.1	6.4
of which, polyols	g	0.024	0.03
- Inositol	g	0.024	0.03
Fibre	g	0.6	0.7
of which, GOS ³	g	0.48	0.60
of which, FOS ³	g	0.08	0.10
Protein*	g	2.7	3.3
of which, whey	g	1.6	2.0
of which, casein	g	1.1	1.3
Salt	g	0.16	0.2

VITAMINS

Vitamin A	µg	366	458
Vitamin D ₃	µg	3.1	3.9
Vitamin E	mg TE	4.6	5.8
Vitamin K ₁	µg	6.7	8.3
Vitamin C	mg	18	23
Thiamin (B ₁)	mg	0.14	0.18
Riboflavin (B ₂)	mg	0.2	0.26
Niacin (B ₃)	mg	2.4	3.0
Vitamin B ₅	mg	0.12	0.15
Folate	µg	58	73
Vitamin B ₁₂	µg	0.20	0.25
Biotin	µg	3.6	4.5
Pantothenic acid	mg	0.84	1.1

MINERALS

Sodium	mg/mmol	70 / 3.0	88 / 3.8
Potassium	mg/mmol	81 / 2.1	101 / 2.6
Chloride	mg/mmol	86 / 2.5	108 / 3.1
Calcium	mg/mmol	101 / 2.5	126 / 3.2
Phosphorus	mg	63	79
Phosphate	mmol	2.0	2.5
Magnesium	mg/mmol	7.4 / 0.3	9.2 / 0.4
Iron	mg	1.6	2.0
Zinc	mg	1.1	1.4
Copper	mg	0.080	0.100
Manganese	mg	0.006	0.008
Fluoride	mg	≤0.007	≤0.009
Selenium	µg	4.5	5.6
Chromium	µg	≤7.2	≤9
Molybdenum	µg	≤7.2	≤9
Iodine	µg	27	34

OTHERS

L-Carnitine	mg	2.1	2.6
Choline	mg	26	33
Taurine	mg	5.5	6.9
Non-caloric carbohydrate (GOS ³)	g	0.2	0.3
Nucleotides	mg	3.4	4.3
Osmolarity	mOsmol/l		310
Osmolality	mOsmol/kg H ₂ O		340
Potential renal solute load	mOsmol/l		250

FATTY ACID COMPOSITION		G/100G FATTY ACIDS
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SATURATED

Butyric acid	C4:0	1.08
Caproic acid	C6:0	0.75
Caprylic acid	C8:0	3.67
Capric acid	C10:0	3.18
Lauric acid	C12:0	1.64
Myristic acid	C14:0	4.45
Palmitic acid	C16:0	15.8
Stearic acid	C18:0	5.60
Arachidic acid	C20:0	0.28
Behenic acid	C22:0	0.37
Lignoceric acid	C24:0	0.10

UNSATURATED

Palmitoleic acid	C16:1 (n-7)	0.95
Oleic acid	C18:1 (n-9)	41.8
Linoleic acid (LA)	C18:2 (n-6)	12.7
Alpha-linolenic acid (ALA)	C18:3 (n-3)	1.86
Gamma-linolenic acid (GLA)	C18:3 (n-6)	0.23
Stearidonic acid (STA)	C18:4 (n-3)	0.01
Eicosanoic acid	C20:1 (n-9)	0.38
Dihomo-gamma-linolenic acid	C20:3 (n-6)	0.04
Arachidonic acid (AA)	C20:4 (n-6)	0.54
Eicosapentaenoic acid (EPA)	C20:5 (n-3)	0.10
Erucic acid	C22:1 (n-9)	0.07
Docosapentaenoic acid	C22:5 (n-3)	0.02
Docosahexaenoic acid (DHA)	C22:6 (n-3)	0.54
Nervonic acid	C24:1 (n-9)	0.04
LA:ALA	Ratio	6.81:1

AMINO ACID COMPOSITION	G/100G PROTEIN
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L-alanine	4.3
L-arginine	3.3
L-aspartic acid	9.5
L-cysteine	2.0
L-glutamic acid	18.4
Glycine	1.9
L-histidine	2.6
L-isoleucine	5.3
L-leucine	11.0
L-lysine	9.3
L-methionine	2.7
L-phenylalanine	4.4
L-proline	7.8
L-serine	5.1
L-threonine	5.0
L-tryptophan	1.8
L-tyrosine	4.3
L-valine	5.6

¹Long chain polyunsaturated fatty acids.

²Medium chain triglycerides

³Galacto-oligosaccharides/³Fructo-oligosaccharides.

*Cow's milk whole protein

Details correct as of September 2019.