



COW & GATE NUTRIPREM 2 POST-DISCHARGE 800g POWDER

DESCRIPTION

Cow & Gate nutriprem 2 post discharge formula is a food for special medical purposes, for the dietary management of preterm and low birthweight infants post discharge. It is a nutrient-dense formulation, which has been developed to meet the increased nutritional needs of preterm and low birthweight infants prior to and once discharged from hospital. The post discharge formula is designed to bridge the nutritional gap between low birthweight and term infant formula. Cow & Gate nutriprem 2 post discharge formula has higher levels of nutrients than standard infant milks to support catch-up growth for preterm infants¹⁻³. It can be used for infants until 6 months corrected age. It is nutritionally complete and contains prebiotic oligosaccharides (GOS/FOS*) and milk fat, which are currently not contained in other post discharge formulas in the UK. It also contains long chain polyunsaturated fatty acids (LCPs), nucleotides, vitamins and minerals to help meet the requirements of preterm bottle fed infants after hospital discharge.

PRESCRIBABILITY

ACBS approved, prescribable on form FP10 (GP10 in Scotland) for the following indications: suitable for catch up growth in preterm and small for gestational age infants, until 6 months corrected age.

CONTRA-INDICATIONS

- i. Not suitable for intravenous use.
- ii. Levels of most vitamins and minerals in Cow & Gate nutriprem 2 post discharge formula are higher than in infant milks used for term infants. Cow & Gate nutriprem 2 post discharge formula is nutritionally complete, therefore additional nutrient supplementation may not be needed for bottlefed preterm infants post discharge⁴

IMPORTANT NOTICE

Breastfeeding is best for babies. Cow & Gate nutriprem 2 is a food for special medical purposes for the dietary management of preterm and low birthweight infants post discharge. 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 until 6 months corrected age.

PACK FORMATS

Cow & Gate nutriprem 2 post discharge formula 800g tins are supplied in cases of 6; the product pip code is 272-4409. It is also available in 90ml (in hospital only) and 200ml ready-to-feed bottles.

SHELF-LIFE

800g tin: 18 months. Best before: see side of pack.

PREPARATION AND STORAGE

All Cow & Gate products carry preparation instructions. Please see packaging for further information. Tins should be stored in a cool, dry place; do not refrigerate, and use contents within four weeks of opening.

INGREDIENTS

Lactose (from **milk**), Skimmed **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, Maltodextrin, Phospholipid (from **egg**), Fructo-oligosaccharides (FOS), Calcium carbonate, **Fish** oil, Calcium phosphate, Sodium chloride, Oil from *Mortierella alpina*, Magnesium hydrogen phosphate, Potassium citrate, Inositol, Choline chloride, Potassium hydroxide, Vitamin C, Emulsifier (**Soy** lecithin), Taurine, Iron sulphate, Zinc sulphate, Vitamin E, L-Carnitine, Cytidine 5'-monophosphate, Niacin, Uridine 5'-monophosphate sodium salt, Pantothenic acid, Inosine 5'-monophosphate sodium salt, Antioxidant (Ascorbyl palmitate), Adenosine 5'-monophosphate, Guanosine 5'-monophosphate sodium salt, Copper sulphate, Vitamin A, Thiamin, Vitamin B₆, Riboflavin, Folic acid, Potassium iodide, Sodium selenite, Vitamin K₁, Manganese sulphate, Biotin, Vitamin D₃, Vitamin B₁₂.

ALLERGY ADVICE

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

DIETARY INFORMATION

Not suitable for vegetarians

PDS: 128894.01_V2

*Galacto-oligosaccharides/Fructo-oligosaccharides.

Nutricia Ltd, White Horse Business Park, Trowbridge, Wiltshire, BA14 0XQ

REFERENCES: 1. Cooke RJ et al. *Ped Res* 1998;43:355-60. 2. Cooke RJ et al. *Ped Res* 1999;46:461-4. 3. Cooke RJ et al. *Ped Res* 2001;49:719-22. 4. Tsang RC et al. (Eds). *Nutritional needs of the preterm infant scientific basis and practical guidelines*. 2nd ed. Cincinnati, OH: Digital Educational Publishing, Inc, 2005. p. 375



This information is intended for healthcare professional use only

DATA CARD

COW & GATE NUTRIPREM 2 POST-DISCHARGE 800g POWDER

TYPICAL VALUES	UNITS	Per 100g powder	Per 100ml	Per 100kcal
ENERGY				
	kJ	2052	301	418
	kcal	490	72	100
Fat	g	25.9	3.8	5.3
of which, saturates	g	9.9	1.5	2.0
of which, mono-unsaturates	g	11.6	1.7	2.4
of which, polyunsaturates	g	4.3	0.6	0.9
of which, LCPs ¹	g	0.283	0.042	0.058
- Arachidonic acid (AA)	g	0.12	0.018	0.025
- Docosahexaenoic acid (DHA)	g	0.12	0.018	0.025
of which, MCT ²	g	2.3	0.3	0.5
Carbohydrate	g	49.1	7.2	10.0
of which, sugars	g	40.6	6.0	8.3
of which, lactose	g	38.6	5.7	7.9
of which, polyols	g	0.146	0.021	0.03
- Inositol	g	0.146	0.021	0.03
Fibre	g	3.9	0.6	0.8
of which, GOS ³	g	3.3	0.48	0.67
of which, FOS ⁴	g	0.55	0.08	0.11
Protein*	g	13.5	2.0	2.7
of which, whey	g	8.1	1.2	1.6
of which, casein	g	5.3	0.8	1.1
Salt	g	0.45	0.07	0.09
VITAMINS				
Vitamin A	µg	679	100	138
Vitamin D ₃	µg	12	1.8	2.5
Vitamin E	mg TE	15	2.1	3.0
Vitamin K ₁	µg	40	5.9	8.2
Vitamin C	mg	82	12	17
Thiamin (B ₁)	mg	0.62	0.09	0.13
Riboflavin (B ₂)	mg	1.1	0.16	0.22
Niacin (B ₃)	mg	8.0	1.2	1.6
Vitamin B ₆	mg	0.52	0.08	0.11
Folate	µg	359	52.8	73.3
Vitamin B ₁₂	µg	1.2	0.17	0.24
Biotin	µg	21	3.1	4.3
Pantothenic acid	mg	4.0	0.58	0.81
MINERALS				
Sodium	mg/mmol	180 / 7.8	26.5 / 1.2	36.8 / 1.6
Potassium	mg/mmol	508 / 13	75 / 1.9	104 / 2.7
Chloride	mg/mmol	391 / 11.2	57 / 1.6	80 / 2.3
Calcium	mg/mmol	565 / 14.1	83 / 2.1	115 / 2.9
Phosphorus	mg	325	48	66
Phosphate	mmol	10.5	1.5	2.1
Magnesium	mg/mmol	49 / 2	7.2 / 0.3	10 / 0.4
Iron	mg	8.0	1.2	1.6
Zinc	mg	6.2	0.91	1.3
Copper	mg	0.409	0.060	0.083
Manganese	mg	0.037	0.005	0.007
Fluoride	mg	≤0.044	≤0.007	≤0.009
Selenium	µg	22	3.2	4.5
Chromium	µg	≤44	≤6.5	≤9
Molybdenum	µg	≤44	≤6.5	≤9
Iodine	µg	148	22	30
OTHERS				
L-Carnitine	mg	16	2.4	3.3
Choline	mg	153	23	31
Taurine	mg	33	4.8	6.7
Non-caloric carbohydrate (GOS ⁵)	g	1.6	0.2	0.3
Nucleotides	mg	22	3.2	4.5
Osmolarity	mOsmol/l		280	
Osmolality	mOsmol/kg H ₂ O		320	
Potential renal solute load	mOsmol/l		174	
Scoop weight			4.9g	
Standard dilution			14.7%	

FATTY ACID COMPOSITION		G/100G FATTY ACIDS
SATURATED		
Butyric acid	C4:0	0.99
Caproic acid	C6:0	0.69
Caprylic acid	C8:0	4.00
Capric acid	C10:0	3.34
Lauric acid	C12:0	1.50
Myristic acid	C14:0	4.07
Palmitic acid	C16:0	14.50
Stearic acid	C18:0	5.24
Arachidic acid	C20:0	0.30
Behenic acid	C22:0	0.40
Lignoceric acid	C24:0	0.12
UNSATURATED		
Palmitoleic acid	C16:1 (n-7)	0.85
Oleic acid	C18:1 (n-9)	43.6
Linoleic acid (LA)	C18:2 (n-6)	13.2
Alpha-linolenic acid (ALA)	C18:3 (n-3)	2.01
Gamma-linolenic acid (GLA)	C18:3 (n-6)	0.20
Stearidonic acid (STA)	C18:4 (n-3)	0.01
Eicosaenoic acid	C20:1 (n-9)	0.4
Dihomo-gamma-linolenic acid	C20:3 (n-6)	0.04
Arachidonic acid (AA)	C20:4 (n-6)	0.50
Eicosapentaenoic acid (EPA)	C20:5 (n-3)	0.09
Erucic acid	C22:1 (n-9)	0.08
Docosapentaenoic acid	C22:5 (n-3)	0.02
Docosahexaenoic acid (DHA)	C22:6 (n-3)	0.50
Nervonic acid	C24:1 (n-9)	0.05
LA:ALA	Ratio	6.56:1

AMINO ACID COMPOSITION	G/100G PROTEIN
L-alanine	4.1
L-arginine	3.0
L-aspartic acid	10.1
L-cysteine	2.0
L-glutamic acid	20.2
Glycine	2.1
L-histidine	2.6
L-isoleucine	4.9
L-leucine	11.2
L-lysine	9.3
L-methionine	2.4
L-phenylalanine	4.4
L-proline	7.2
L-serine	5.4
L-threonine	5.0
L-tryptophan	1.9
L-tyrosine	4.2
L-valine	5.5

¹Long chain polyunsaturated fatty acids.

²Medium chain triglycerides

³Galacto-oligosaccharides/⁴Fructo-oligosaccharides.

⁵Cow's milk whole protein

Details correct as of November 2019.



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DATA CARD

COW & GATE NUTRIPREM 2 RTF 200ML

DESCRIPTION

Cow & Gate nutriprem 2 post discharge formula is a food for special medical purposes, for the dietary management of preterm and low birthweight infants post discharge. It is a nutrient-dense formulation, which has been developed to meet the increased nutritional needs of preterm and low birthweight infants prior to and once discharged from hospital. The post discharge formula is designed to bridge the nutritional gap between low birthweight and term infant formula. Cow & Gate nutriprem 2 post discharge formula has higher levels of nutrients than standard infant milks to support catch-up growth for preterm infants¹⁻³. It can be used for infants until 6 months corrected age. It is nutritionally complete and contains prebiotic oligosaccharides (GOS/FOS*) and milk fat, which are currently not contained in other post discharge formulas in the UK. It also contains long chain polyunsaturated fatty acids (LCPs), nucleotides, vitamins and minerals to help meet the requirements of preterm bottle fed infants after hospital discharge.

PRESCRIBABILITY

ACBS approved, prescribable on form FP10 (GP10 in Scotland) for the following indications: suitable for catch up growth in preterm and small for gestational age infants, until 6 months corrected age.

CONTRA-INDICATIONS

- I. Not suitable for intravenous use.
- II. Levels of most vitamins and minerals in Cow & Gate nutriprem 2 post discharge formula are higher than in infant milks used for term infants. Cow & Gate nutriprem 2 post discharge formula is nutritionally complete, therefore additional nutrient supplementation may not be needed for bottlefed preterm infants post discharge⁴.

IMPORTANT NOTICE

Breastfeeding is best for babies. Cow & Gate nutriprem 2 is a food for special medical purposes for the dietary management of preterm and low birthweight infants post discharge. 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 until 6 months corrected age.

PACK FORMATS

200ml ready-to-feed bottles are available in cases of 12; the product PIP code is 312-6752. It is also available in 90ml liquid (in hospital only) and 800g powder formats.

SHELF-LIFE

200ml bottle: 9 months. Best before: see side of bottle.

PREPARATION AND STORAGE

All Cow & Gate products carry preparation instructions. Cow & Gate nutriprem 2 post discharge formula ready-to-feed 200ml bottles must be refrigerated immediately after opening and used within 8 hours.

INGREDIENTS

Water, Skimmed **milk**, 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**), Anhydrous **milk** fat, Maltodextrin, Whey protein (from **milk**), Phospholipid (from **egg**), Precipitated **milk** minerals, Fructo-oligosaccharides (FOS), **Fish** oil, Acidity regulator (Citric acid), Calcium hydroxide, Potassium hydrogen carbonate, Potassium chloride, Inositol, Oil from *Mortierella alpina*, Vitamin C, Choline chloride, Emulsifier (**Soy** lecithin), Iron lactate, Taurine, Sodium chloride, Potassium hydroxide, Zinc sulphate, Vitamin E, Magnesium oxide, L-Carnitine, Cytidine 5'-monophosphate, Niacin, Uridine 5'-monophosphate sodium salt, Pantothenic acid, Inosine 5'-monophosphate sodium salt, Antioxidant (Ascorbyl palmitate), Adenosine 5'-monophosphate, Guanosine 5'-monophosphate sodium salt, Thiamin, Riboflavin, Vitamin A, Vitamin B₆, Copper sulphate, Folic acid, Potassium iodide, Vitamin K₁, Sodium selenite, Manganese sulphate, Biotin, Vitamin D₃, Vitamin B₁₂.

ALLERGY ADVICE

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

DIETARY INFORMATION

Halal certified
Not suitable for vegetarians

PDS: 1008118_V1

*Galacto-oligosaccharides/Fructo-oligosaccharides.

Nutricia Ltd, White Horse Business Park, Trowbridge, Wiltshire, BA14 0XQ

REFERENCES: 1. Cooke RJ et al. *Ped Res* 1998;43:355-60. 2. Cooke RJ et al. *Ped Res* 1999;46:461-4. 3. Cooke RJ et al. *Ped Res* 2001;49:719-22. 4. Tsang RC et al. (Eds). *Nutritional needs of the preterm infant scientific basis and practical guidelines*. 2nd ed. Cincinnati, OH: Digital Educational Publishing, Inc, 2005. p. 375.

Healthcare professional website
eln.nutricia.co.uk

Healthcare professional helpline
0800 996 1234

19-058. Aug 2019



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DATA CARD

COW & GATE NUTRIPREM 2 RTF 200ML

TYPICAL VALUES	UNITS	Per 100ml	Per 100kcal
ENERGY			
	kJ	301	418
	kcal	72	100
Fat	g	3.8	5.3
of which, saturates	g	1.5	2.1
of which, mono-unsaturates	g	1.7	2.3
of which, polyunsaturates	g	0.6	0.8
of which, LCPS ¹	g	0.041	0.058
- Arachidonic acid (AA)	g	0.018	0.025
- Docosahexaenoic acid (DHA)	g	0.018	0.025
of which, MCT ²	g	0.3	0.4
Carbohydrate	g	7.2	10
of which, sugars	g	6.0	8.3
of which, lactose	g	5.7	7.9
of which, polyols	g	0.1	0.1
- Inositol	g	0.021	0.029
Fibre	g	0.6	0.8
of which, GOS ³	g	0.48	0.67
of which, FOS ³	g	0.08	0.11
Protein*	g	2.0	2.7
of which, whey	g	1.2	1.6
of which, casein	g	0.8	1.1
Salt	g	0.07	0.1
VITAMINS			
Vitamin A	µg	100	139
Vitamin D ₃	µg	1.8	2.5
Vitamin E	mg TE	2.1	2.9
Vitamin K ₁	µg	5.9	8.2
Vitamin C	mg	12	17
Thiamin (B ₁)	mg	0.09	0.13
Riboflavin (B ₂)	mg	0.16	0.22
Niacin (B ₃)	mg	1.2	1.7
Vitamin B ₅	mg	0.08	0.11
Folate	µg	53	74
Vitamin B ₁₂	µg	0.24	0.33
Biotin	µg	3.1	4.3
Pantothenic acid	mg	0.58	0.81
MINERALS			
Sodium	mg/mmol	28 / 1.2	38 / 1.7
Potassium	mg/mmol	81 / 2.1	113 / 2.9
Chloride	mg/mmol	52 / 1.5	72 / 2.1
Calcium	mg/mmol	83 / 2.1	115 / 2.9
Phosphorus	mg	48	67
Phosphate	mmol	1.5	2.2
Magnesium	mg/mmol	7.2 / 0.3	10 / 0.4
Iron	mg	1.2	1.6
Zinc	mg	0.9	1.3
Copper	mg	0.060	0.083
Manganese	mg	0.005	0.007
Fluoride	mg	≤0.007	≤0.009
Selenium	µg	3.2	4.4
Chromium	µg	≤6.5	≤9
Molybdenum	µg	≤6.5	≤9
Iodine	µg	22	31
OTHERS			
L-Carnitine	mg	2.4	3.3
Choline	mg	23	31
Taurine	mg	4.8	6.7
Non-caloric carbohydrate (GOS ³)	g	0.2	0.3
Nucleotides	mg	3.2	4.4
Osmolarity	mOsmol/l		280
Osmolality	mOsmol/kg H ₂ O		310
Potential renal solute load	mOsmol/l		180

FATTY ACID COMPOSITION		G/100G FATTY ACIDS
SATURATED		
Butyric acid	C4:0	1.08
Caproic acid	C6:0	0.74
Caprylic acid	C8:0	3.74
Capric acid	C10:0	3.23
Lauric acid	C12:0	1.63
Myristic acid	C14:0	4.41
Palmitic acid	C16:0	15.5
Stearic acid	C18:0	5.54
Arachidic acid	C20:0	0.29
Behenic acid	C22:0	0.37
Lignoceric acid	C24:0	0.11
UNSATURATED		
Palmitoleic acid	C16:1 (n-7)	0.92
Oleic acid	C18:1 (n-9)	42.1
Linoleic acid (LA)	C18:2 (n-6)	12.7
Alpha-linolenic acid (ALA)	C18:3 (n-3)	1.89
Gamma-linolenic acid (GLA)	C18:3 (n-6)	0.21
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)	0.50
Eicosapentaenoic acid (EPA)	C20:5 (n-3)	0.09
Erucic acid	C22:1 (n-9)	0.07
Docosapentaenoic acid	C22:5 (n-3)	0.02
Docosahexaenoic acid (DHA)	C22:6 (n-3)	0.50
Nervonic acid	C24:1 (n-9)	0.04
LA:ALA	Ratio	6.71:1

AMINO ACID COMPOSITION	G/100G PROTEIN
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	7.7
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/^oFructo-oligosaccharides.

*Cow's milk whole protein

Details correct as of November 2019.



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DATA CARD

COW & GATE NUTRIPREM 2 RTF 90ML

DESCRIPTION

Cow & Gate nutriprem 2 post discharge formula is a food for special medical purposes, for the dietary management of preterm and low birthweight infants post discharge. It is a nutrient-dense formulation, which has been developed to meet the increased nutritional needs of preterm and low birthweight infants prior to and once discharged from hospital. The post discharge formula is designed to bridge the nutritional gap between low birthweight and term infant formula. Cow & Gate nutriprem 2 post discharge formula has higher levels of nutrients than standard infant milks to support catch-up growth for preterm infants¹⁻³. It can be used for infants until 6 months corrected age. It is nutritionally complete and contains prebiotic oligosaccharides (GOS/FOS*) and milk fat, which are currently not contained in other post discharge formulas in the UK. It also contains long chain polyunsaturated fatty acids (LCPs), nucleotides, vitamins and minerals to help meet the requirements of preterm bottle fed infants after hospital discharge.

PRESCRIBABILITY

Cow & Gate nutriprem 2 post discharge formula is a food for special medical purposes, for dietary management of preterm and low birthweight infants post discharge. The 90ml bottle is for hospital use only. Available on prescription in 200ml and 800g powder formats.

CONTRA-INDICATIONS

- i. Not suitable for intravenous use.
- ii. Levels of most vitamins and minerals in Cow & Gate nutriprem 2 post discharge formula are higher than in infant milks used for term infants. Cow & Gate nutriprem 2 post discharge formula is nutritionally complete, therefore additional nutrient supplementation may not be needed for bottlefed preterm infants post discharge⁴.

IMPORTANT NOTICE

Breastfeeding is best for babies. Cow & Gate nutriprem 2 is a food for special medical purposes for the dietary management of preterm and low birthweight infants post discharge. 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 until 6 months corrected age.

PACK FORMATS

Cow & Gate nutriprem 2 post discharge formula 90ml bottle is available as a sterilised, ready-to-feed milk, supplied in cases of 24. It is also available in 800g powder and 200ml liquid formats.

SHELF-LIFE

90ml bottle: 9 months. Best before: see side of bottle.

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 90ml 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**, 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**), Anhydrous **milk** fat, Maltodextrin, Whey protein (from **milk**), Phospholipid (from **egg**), Precipitated **milk** minerals, Fructo-oligosaccharides (FOS), **Fish** oil, Acidity regulator (Citric acid), Calcium hydroxide, Potassium hydrogen carbonate, Emulsifier (**Soy** lecithin), Potassium chloride, Oil from *Mortierella alpina*, Inositol, Vitamin C, Choline chloride, Iron lactate, Taurine, Sodium chloride, Potassium hydroxide, Zinc sulphate, Magnesium oxide, Vitamin E, L-Carnitine, Cytidine 5'-monophosphate, Niacin, Uridine 5'-monophosphate sodium salt, Pantothenic acid, Inosine 5'-monophosphate sodium salt, Antioxidant (Ascorbyl palmitate), Adenosine 5'-monophosphate, Guanosine 5'-monophosphate sodium salt, Vitamin A, Thiamin, Riboflavin, Vitamin B₆, Copper sulphate, Folic acid, Potassium iodide, Vitamin K₁, Sodium selenite, Manganese sulphate, Biotin, Vitamin D₃, Vitamin B₁₂.

ALLERGY ADVICE

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

DIETARY INFORMATION

Halal certified
Not suitable for vegetarians

PDS: 1008117_V1

*Galacto-oligosaccharides/Fructo-oligosaccharides.

Nutricia Ltd, White Horse Business Park, Trowbridge, Wiltshire, BA14 0XQ

REFERENCES: 1. Cooke RJ et al. *Ped Res* 1998;43:355-60. 2. Cooke RJ et al. *Ped Res* 1999;46:461-4. 3. Cooke RJ et al. *Ped Res* 2001;49:719-22. 4. Tsang RC et al. (Eds). *Nutritional needs of the preterm infant scientific basis and practical guidelines*. 2nd ed. Cincinnati, OH: Digital Educational Publishing, Inc, 2005. p. 375

Healthcare professional website
eln.nutricia.co.uk

Healthcare professional helpline
0800 996 1234

19-058. Aug 2019



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DATA CARD

COW & GATE NUTRIPREM 2 RTF 90ML

TYPICAL VALUES	UNITS	Per 100ml	Per 100kcal
ENERGY			
	kJ	301	418
	kcal	72	100
Fat	g	3.8	5.3
of which, saturates	g	1.5	2.1
of which, mono-unsaturates	g	1.7	2.3
of which, polyunsaturates	g	0.6	0.8
of which, LCPS ¹	g	0.041	0.058
- Arachidonic acid (AA)	g	0.018	0.025
- Docosahexaenoic acid (DHA)	g	0.018	0.025
of which, MCT ²	g	0.3	0.4
Carbohydrate	g	7.2	10.0
of which, sugars	g	6.0	8.3
of which, lactose	g	5.7	7.9
of which, polyols	g	0.1	0.1
- Inositol	g	0.021	0.029
Fibre	g	0.6	0.8
of which, GOS ³	g	0.48	0.67
of which, FOS ³	g	0.08	0.11
Protein*	g	2.0	2.7
of which, whey	g	1.2	1.6
of which, casein	g	0.8	1.1
Salt	g	0.07	0.1
VITAMINS			
Vitamin A	µg	100	139
Vitamin D ₃	µg	1.8	2.5
Vitamin E	mg TE	2.1	2.9
Vitamin K ₁	µg	5.9	8.2
Vitamin C	mg	12	17
Thiamin (B ₁)	mg	0.09	0.13
Riboflavin (B ₂)	mg	0.16	0.22
Niacin (B ₃)	mg	1.2	1.7
Vitamin B ₅	mg	0.08	0.11
Folate	µg	53	74
Vitamin B ₁₂	µg	0.24	0.33
Biotin	µg	3.1	4.3
Pantothenic acid	mg	0.58	0.81
MINERALS			
Sodium	mg/mmol	28 / 1.2	38 / 1.7
Potassium	mg/mmol	81 / 2.1	113 / 2.9
Chloride	mg/mmol	52 / 1.5	72 / 2.1
Calcium	mg/mmol	83 / 2.1	115 / 2.9
Phosphorus	mg	48	67
Phosphate	mmol	1.5	2.2
Magnesium	mg/mmol	7.2 / 0.3	10 / 0.4
Iron	mg	1.2	1.6
Zinc	mg	0.9	1.3
Copper	mg	0.060	0.083
Manganese	mg	0.005	0.007
Fluoride	mg	≤0.007	≤0.009
Selenium	µg	3.2	4.4
Chromium	µg	≤6.5	≤9
Molybdenum	µg	≤6.5	≤9
Iodine	µg	22	31
OTHERS			
L-Carnitine	mg	2.4	3.3
Choline	mg	23	31
Taurine	mg	4.8	6.7
Non-caloric carbohydrate (GOS ³)	g	0.2	0.3
Nucleotides	mg	3.2	4.4
Osmolarity	mOsmol/l		280
Osmolality	mOsmol/kg H ₂ O		310
Potential renal solute load	mOsmol/l		180

FATTY ACID COMPOSITION		G/100G FATTY ACIDS
SATURATED		
Butyric acid	C4:0	1.08
Caproic acid	C6:0	0.74
Caprylic acid	C8:0	3.74
Capric acid	C10:0	3.23
Lauric acid	C12:0	1.63
Myristic acid	C14:0	4.41
Palmitic acid	C16:0	15.5
Stearic acid	C18:0	5.54
Arachidic acid	C20:0	0.29
Behenic acid	C22:0	0.37
Lignoceric acid	C24:0	0.11
UNSATURATED		
Palmitoleic acid	C16:1 (n-7)	0.92
Oleic acid	C18:1 (n-9)	42.1
Linoleic acid (LA)	C18:2 (n-6)	12.7
Alpha-linolenic acid (ALA)	C18:3 (n-3)	1.89
Gamma-linolenic acid (GLA)	C18:3 (n-6)	0.21
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)	0.50
Eicosapentaenoic acid (EPA)	C20:5 (n-3)	0.09
Erucic acid	C22:1 (n-9)	0.07
Docosapentaenoic acid	C22:5 (n-3)	0.02
Docosahexaenoic acid (DHA)	C22:6 (n-3)	0.50
Nervonic acid	C24:1 (n-9)	0.04
LA:ALA	Ratio	6.71:1

AMINO ACID COMPOSITION	G/100G PROTEIN
L-alanine	4.3
L-arginine	3.3
L-aspartic acid	9.5
L-cysteine	2
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	7.7
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 November 2019.