

FOR HEALTHCARE PROFESSIONAL USE ONLY

A nutritional comparison of low birthweight formulas



Important notice:

The World Health Organisation (WHO) has recommended that pregnant women and new mothers be informed on the benefits and superiority of breastfeeding – in particular the fact that it provides the best nutrition and protection from illness for babies. Mothers should be given guidance on the preparation for, and maintenance of, lactation, with special emphasis on the importance of a well-balanced diet both during pregnancy and after delivery. Unnecessary introduction of partial bottle-feeding or other foods and drinks should be discouraged since it will have a negative effect on breastfeeding. Similarly, mothers should be warned of the difficulty of reversing a decision not to breastfeed. Before advising a mother to use an infant formula, she should be advised of the social and financial implications of her decision: for example, if a baby is exclusively bottle-fed, more than one can (400 g) per week will be needed, so the family circumstances and costs should be kept in mind. Mothers should be reminded that breast milk is not only the best, but also the most economical food for babies. **This product must be used under medical supervision.** • SMA® PRO Gold Prem 1 is a special formula intended for the dietary management of preterm and low birthweight babies who are not solely fed breast milk.



We're here for you
UK 0800 0 81 81 80
www.smahcp.co.uk
ROI 1800 931 832
www.smahcp.ie

SMA Nutrition, 1 City Place, Gatwick, RH6 0PA

In the Republic of Ireland: SMA Nutrition,
3030 Lake Drive, Citywest Business Campus,
Dublin 24, Ireland

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Low birthweight formulas

Nutrients	Units	SMA PRO® Gold Prem 1 ¹	
		Per 100 ml	Per 100 kcal
Energy	kJ	419	419
	kcal	80	100
Fat	g	4	5
of which saturates	g	1.7	2
Carbohydrates	g	8.1	10.2
of which sugars	g	3.7	4.6
of which lactose	g	3.7	4.6
Protein	g	2.9	3.6
of which whey	g	2.9	3.6
of which casein	g	0	0
Salt* (= Sodium x 2.5)	g	0.13	0.16
Omega 3			
α-linolenic acid (ALA)	mg	77	96
Docosahexaenoic acid (DHA) [†]	mg	15	18
Omega 6			
Linoleic acid (LA)	mg	561	701
Arachidonic acid (AA) [†]	mg	15	18
Vitamins			
Vitamin A	µg	370	462
Vitamin D	µg	3.7	4.7
Vitamin E	mg	3.6	4.5
Vitamin K	µg	6.4	8.1
Vitamin C	mg	20.8	26
Thiamin	mg	0.14	0.17
Riboflavin	mg	0.2	0.25
Niacin	mg	1.6	2
Vitamin B₆	mg	0.09	0.12
Folic acid	µg	40.6	50.6
Biotin	µg	4	4.9
Minerals			
Sodium	mg	51	64
Potassium	mg	120	149
Chloride	mg	76	95
Calcium	mg	116	145
Phosphorus	mg	77	96
Magnesium	mg	8.3	10.4
Iron	mg	1.8	2.3
Zinc	mg	1.2	1.5
Copper	mg	0.08	0.1
Manganese	mg	0.01	0.02
Selenium	µg	4.8	6
Iodine	µg	28	35
Others			
Taurine	mg	6.3	8
Choline	mg	20	25
Inositol	mg	20	25
L-carnitine	mg	3.1	4
Nucleotides*	mg	2.4	3
Suitable for vegetarians		No	No
Halal		No	No
Osmolality	mOsmol/kg H₂O		308

Nutrients	Cow & Gate Nutriprem ¹	
	Per 100 ml	Per 100 kcal
	336	420
	80	100
	3.9	4.8
	1.5	1.9
	8.4	10.5
	5.7	7.1
	4.7	5.8
	2.6	3.3
	1.6	2
	1	1.3
	0.18	0.2
Omega 3		
	ns	ns
	10	20
Omega 6		
	ns	ns
	10	20
Vitamins		
	361	450
	3	3.7
	3.5	4.3
	6	7.4
	17	21.2
	0.14	0.17
	0.2	0.25
	3.2	3.99
	0.12	0.15
	35	43.6
	3.5	4.36
Minerals		
	70	87.2
	82	102
	76	94.5
	94	117
	62	77.4
	8	10
	1.6	1.99
	1.1	1.37
	0.08	0.1
	0.01	0.013
	4.5	5.61
	26	32.7
Others		
	5.5	6.85
	17	21.2
	24	29.9
	1.8	2.2
	3.2	3.99
Suitable for vegetarians		No
Halal		No
Osmolality		375

Nutrients	Cow & Gate Hydrolysed Nutriprem ¹	
	Per 100 ml	Per 100 kcal
	335	420
	80	100
	4	5
	1.6	2
	8.4	10.5
	6.1	7.6
	6	7.5
	2.6	3.2
	1.5	1.9
	1.1	1.3
	0.2	0.25
Omega 3		
	ns	ns
	15	19
Omega 6		
	ns	ns
	19	24
Vitamins		
	396	485
	3.1	3.9
	4.5	5.6
	4.9	6.1
	22	27
	0.17	0.21
	0.25	0.32
	2.8	3.5
	0.19	0.24
	35	48
	4.7	5.8
Minerals		
	79	99
	96	120
	91	114
	97	121
	55	69
	8	10
	1.6	2
	1.1	1.3
	0.08	0.1
	0.007	0.009
	4.8	6
	30	37
Others		
	7.3	9.2
	17	21
	24	30
	0.64	0.80
	3.5	4.4
Suitable for vegetarians		No
Halal		No
Osmolality		405

1. Data is correct as per SMA Nutrition & Cow & Gate data cards accessed via company websites September 2016. For powders, liquids may vary.

* Salt is calculated as sodium x 2.5. Sodium is present for nutritional purposes.

† LCPs = Long Chain Polyunsaturates.

Nucleotide value represents innate and fortified levels.

ns = not supplied

