



Aptamil Profutura First Infant Milk

Indications

Aptamil Profutura First Infant Milk is a nutritionally complete, whey-dominant breast milk substitute, suitable from birth to complement breastfeeding, or for babies who are not being breastfed. Aptamil Profutura First Infant Milk is made with milk fat. With 34% of palmitic acid in the beta position, the structure provides a better profile of fatty acids, closer to that of breast milk. In breast milk this has certain benefits for a baby, including better fat absorption, easy digestion, softer stools and reduced constipation¹⁻³.

It contains our highest-ever levels of long chain polyunsaturated fatty acids. These are important for the healthy development of a baby's eyes, brain and nervous system⁴⁻⁶. It is the first term formulation to contain both phospholipid-bound and triglyceride-bound long chain polyunsaturated fatty acids, again bringing the structure closer to breast milk.

Aptamil Profutura First Infant Milk contains our unique, patented blend of prebiotic oligosaccharides (GOS/FOS in a 9:1 ratio). These are proven to encourage the growth and activity of friendly bacteria, reducing the risk of allergies in children up to 5 years⁷.

Contra-indications

- I. Not suitable for intravenous use.
- II. Not suitable for cows' milk allergy or lactose intolerance.
- III. Not suitable for vegetarians.
- IV. Not suitable for infants with a fish or egg allergy.

Pack formats and product codes

Aptamil Profutura First Infant Milk is available in both powder and liquid formats: 800g packs are supplied in cases of 4: the product PIP code is 400-7704. Aptamil Profutura First Infant Milk is available in 6x70ml starter packs and in 70ml ready to feed bottles for use in hospitals; supplied in cases of 24. It is also available in 200ml ready to feed bottles, supplied in cases of 12, with a product PIP code of 400-7696.

Preparation and storage

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

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References: 1. Jensen RG *et al.* Am J Clin Nutr 1978;Jun:31(6):990-1016. 2. Carnielli VP *et al.* J Pediatr Gastroenterol Nutr 1996;23(5):553-60. 3. Kennedy K *et al.* Am J Clin Nutr 1999;70:920-7. 4. Koletzko B *et al.* J Perinatal Med 2008;36:5-14. 5. Willatts P *et al.* Lancet 1998;352:688-91. 6. European Food Safety Authority Panel on Dietetic products, Nutrition and Allergies. EFSA Journal 2009;941:1-14. 7. Arslanoglu S *et al.* J Biol Reg Homeost Agents 2012;26 S:49-59.

Healthcare professional helpline
0800 996 1234 eln.nutricia.co.uk

NUTRICIA
Early Life Nutrition

Ingredients powder

Demineralised whey (from **milk**), Lactose (from **milk**), Skimmed **milk**, Anhydrous **milk** fat, Vegetable oils (Rapeseed oil, Sunflower oil, Coconut oil, Single cell oil), Galacto-oligosaccharides (GOS) (from **milk**), Whey protein concentrate (from **milk**), Phospholipid (from **egg**), Fructo-oligosaccharides (FOS), Calcium carbonate, **Fish** oil, Potassium chloride, Magnesium chloride, Sodium citrate, Vitamin C, Taurine, Emulsifier (**Soy** lecithin), Ferrous sulphate, Vitamin E, Zinc sulphate, Uridine 5'-monophosphate sodium salt, Cytidine 5'-monophosphate, Adenosine 5'-monophosphate, Inosine 5'-monophosphate sodium salt, Nicotinamide, Inositol, Guanosine 5'-monophosphate sodium salt, Folic acid, Pantothenic acid, Copper sulphate, Biotin, L-tryptophan, Vitamin A, Vitamin B₁₂, Thiamin, Vitamin D₃, Vitamin B₆, Manganese sulphate, Potassium iodide, Sodium selenite, Vitamin K₁.

Ingredients liquids*

Demineralised water, Skimmed **milk**, Lactose (from **milk**), Anhydrous **milk** fat, Galacto-oligosaccharides (GOS) (from **milk**), Vegetable oil (Rapeseed oil, Maize oil, Coconut oil (contains **Soy**), Sunflower oil, Single cell oil), Whey protein (from **milk**), Phospholipid (from **egg**), Fructo-oligosaccharides (FOS), Acidity regulator (citric acid), **Fish** oil, Potassium citrate, Calcium phosphate, Potassium chloride, Calcium hydroxide, Vitamin C, Choline chloride, Sodium chloride, Potassium hydroxide, Magnesium carbonate, Taurine, Inositol, Ferrous lactate, Vitamin E, Zinc sulphate, Uridine 5'-monophosphate sodium salt, Cytidine 5'-monophosphate, L-carnitine, Vitamin A, Adenosine 5'-monophosphate, Inosine 5'-monophosphate sodium salt, Vitamin D₃, Nicotinamide, Pantothenic acid, Guanosine 5'-monophosphate sodium salt, Copper gluconate, Sodium selenite, Potassium iodide, Biotin, Folic acid, Riboflavin, Vitamin B₁₂, Thiamin, Vitamin K₁, Vitamin B₆, Manganese sulphate, Antioxidant (mixed tocopherols) (contains **Soy**).

Allergy Advice: For allergens, see ingredients in **bold**.

PDS: 0120685-01-0003 & 1008207-01-0004

*Ingredients listed refer to 200ml bottle.



Aptamil Profutura First Infant Milk

Typical values	Units	Powder*			Liquid*	
		/100g	/100ml prepared feed	/100kcal	/100ml	/100kcal

Major Nutrients

Energy	kJ	2035	275	420	275	417
	kcal	487	66	100	66	100
Fat	g	25	3.4	5.1	3.4	5.1
of which, saturates	g	11.5	1.6	2.4	1.6	2.4
of which, unsaturates	g	13.5	1.8	2.7	1.8	2.7
of which, LCs [†]	g	0.20	0.026	0.041	0.027	0.040
of which, arachidonic acid (AA)	g	0.09	0.012	0.019	0.012	0.018
of which, docosahexaenoic acid (DHA)	g	0.08	0.011	0.017	0.011	0.017
Carbohydrate	g	53.7	7.3	11	7.3	11
of which, sugars	g	53.1	7.2	11	7.2	10.9
of which, lactose	g	51.3	7.0	10.5	7.0	10.5
Fibre	g	4.1	0.6	0.8	0.6	0.9
Protein	g	9.7	1.3	2	1.3	2
of which, whey	g	5.8	0.8	1.2	0.8	1.2
of which, casein	g	3.9	0.5	0.8	0.5	0.8
Salt	g	0.31	0.04	0.07	0.04	0.06

Vitamins

Vitamin A	µg RE	429	58	88	65	99
Vitamin D ₃	µg	8.6	1.2	1.8	1.3	1.99
Vitamin E	mg α-TE	8	1.1	1.7	0.9	1.4
Vitamin K ₁	µg	26	3.6	5.4	4.6	7.0
Vitamin C	mg	61	8.3	13	8.7	13.2
Thiamin (B ₁)	mg	0.37	0.05	0.08	0.06	0.09
Riboflavin (B ₂)	mg	0.88	0.12	0.18	0.11	0.17
Niacin (B ₃)	mg NE	3.2	0.43	0.65	0.47	0.71
Pantothenic acid	mg	2.4	0.33	0.50	0.31	0.47
Vitamin B ₆	mg	0.26	0.035	0.053	0.05	0.08
Folic acid	µg	113	15	23	12	17.4
Vitamin B ₁₂	µg	1.3	0.18	0.27	0.18	0.27
Biotin	µg	12	1.6	2.4	1.1	1.67

Minerals

Sodium	mg	125	17	26	16	24.7
Potassium	mg	525	71	108	65	99
Chloride	mg	334	45	69	40	61.2
Calcium	mg	378	51	78	49	74.2
Phosphorus	mg	239	32	49	29	43.9
Magnesium	mg	39	5.3	8.1	4.8	7.3
Iron	mg	3.8	0.52	0.79	0.5	0.81
Zinc	mg	3.8	0.51	0.77	0.5	0.75
Copper	mg	0.29	0.039	0.059	0.04	0.06
Manganese	mg	0.056	0.008	0.011	0.006	0.009
Fluoride	mg	≤0.02	≤0.003	≤0.005	≤0.006	≤0.009
Selenium	µg	13	1.7	2.6	1.2	1.88
Iodine	µg	89	12	18	13	19.7

Others

Choline	mg	88	12	18	12.6	19.1
Taurine	mg	39	5.3	8.1	5.5	8.4
Inositol	mg	26	3.6	5.4	3.7	6
L-carnitine	mg	11	1.5	2.3	1.14	1.72
Nucleotides	mg	23	3.1	4.8	3.2	4.8
GOS/FOS [‡]	g		0.8		0.8	
Osmolarity			292			
Osmolality			330			
Potential renal solute load			124			
Scoop weight**			4.5			
Standard dilution**			13.6%			

Healthcare professional helpline

0800 996 1234 eln.nutricia.co.uk

IMPORTANT NOTICE: Breastfeeding is best for babies. Infant formula is suitable from birth when babies are not breastfed. It is recommended that all formula milks be used on the advice of a doctor, midwife, health visitor, public health nurse, dietitian, pharmacist, or other professional responsible for maternal and child care.

Fatty Acid Composition**		g/100g fatty acids
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Saturated

Butyric acid	C4:0	1.51
Caproic acid	C6:0	1.05
Caprylic acid	C8:0	1.26
Capric acid	C10:0	1.92
Lauric acid	C12:0	5.5
Myristic acid	C14:0	7.33
Palmitic acid	C16:0	19.4
Stearic acid	C18:0	6.56
Arachidic acid	C20:0	0.29
Behenic acid	C22:0	0.26
Lignoceric acid	C24:0	0.07

Unsaturated

Palmitoleic acid	C16:1 (n-7)	1.11
Oleic acid	C18:1 (n-9)	32.5
Linoleic acid	C18:2 (n-6)	13.1
Alpha-linolenic acid	C18:3 (n-3)	2.34
Gamma-linolenic acid	C18:3 (n-6)	0.025
Stearidonic acid	C18:4 (n-3)	0.01
Eicosaenoic acid	C20:1 (n-9)	0.41
Dihomo-gamma-linolenic acid	C20:3 (n-6)	0.03
Arachidonic acid	C20:4 (n-6)	0.38
Eicosapentaenoic acid	C20:5 (n-3)	0.063
Erucic acid	C22:1 (n-9)	0.09
Docosapentaenoic acid	C22:5 (n-3)	0.01
Docosahexaenoic acid	C22:6 (n-3)	0.35
Nervonic acid	C24:1 (n-9)	0.05
LA:ALA		5.6:1

Amino Acid Composition**	g/100g protein
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L-alanine	4
L-arginine	3
L-aspartic acid	9.4
L-cysteine	1.8
L-glutamic acid	20.3
Glycine	1.9
L-histidine	2.5
L-isoleucine	4.9
L-leucine	10.2
L-lysine	8.7
L-methionine	2.2
L-phenylalanine	4.0
L-proline	7.4
L-serine	5.4
L-threonine	5.4
L-tryptophan	1.6
L-tyrosine	4.0
L-valine	5.3

*There are small nutritional differences between powder and liquid milks due to different processing methods. Liquid refers to 200ml bottle.

**Refers to powder.

[†]Long chain polyunsaturated fatty acids. [‡]Galacto-oligosaccharides/ Fructo-oligosaccharides.

[§]Galacto-oligosaccharides/Fructo-oligosaccharides.

Details correct as of November 2016.