



# Aptamil Profutura First Milk Powder 800g

## 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 constipation<sup>1-3</sup>.

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 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 years<sup>4</sup>.

## 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.

## 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.

Nutricia Ltd, White Horse Business Park, Trowbridge, Wiltshire BA14 0XB.

**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. Arslanoglu S *et al.* J Biol Reg Homeost Agents 2012;26 S:49-59.

Healthcare professional helpline  
0800 996 1234 [eln.nutricia.co.uk](mailto:eln.nutricia.co.uk)

## 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 B<sub>12</sub>, Thiamin, Vitamin D<sub>3</sub>, Vitamin B<sub>6</sub>, Manganese sulphate, Potassium iodide, Sodium selenite, Vitamin K<sub>1</sub>.

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

PDS: 0120685-01-0003

This datacard refers to powder format only, for liquids see additional datacards.



# Aptamil Profutura

## First Milk Powder 800g

Typical Values	Units	Powder*			Fatty Acid Composition**	g/100g fatty acids	
		/100g	/100ml prepared feed	/100kcal			
<b>Major Nutrients</b>							
Energy	kJ	2035	275	420	<b>Saturated</b>		
		kcal	487	66	100	Butyric acid	C4:0
Fat	g	25	3.4	5.1	Caproic acid	C6:0	1.05
of which, saturates	g	11.5	1.6	2.4	Caprylic acid	C8:0	1.26
of which, unsaturates	g	13.5	1.8	2.7	Capric acid	C10:0	1.92
of which, LCPs†	g	0.20	0.026	0.041	Lauric acid	C12:0	5.5
of which, arachidonic acid (AA)	g	0.09	0.012	0.019	Myristic acid	C14:0	7.33
of which, docosahexaenoic acid (DHA)	g	0.08	0.011	0.017	Palmitic acid	C16:0	19.4
Carbohydrate	g	53.7	7.3	11	Stearic acid	C18:0	6.56
of which, sugars	g	53.1	7.2	11	Arachidic acid	C20:0	0.29
of which, lactose	g	51.3	7.0	10.5	Behenic acid	C22:0	0.26
Fibre	g	4.1	0.6	0.8	Lignoceric acid	C24:0	0.07
Protein	g	9.7	1.3	2	<b>Unsaturated</b>		
of which, whey	g	5.8	0.8	1.2	Palmitoleic acid	C16:1 (n-7)	1.11
of which, casein	g	3.9	0.5	0.8	Oleic acid	C18:1 (n-9)	32.5
Salt	g	0.31	0.04	0.07	Linoleic acid	C18:2 (n-6)	13.1
<b>Vitamins</b>							
Vitamins A	µg RE	429	58	88	Alpha-linolenic acid	C18:3 (n-3)	2.34
Vitamins D <sub>3</sub>	µg	8.6	1.2	1.8	Gamma-linolenic acid	C18:3 (n-6)	0.025
Vitamin E	mg α-TE	8	1.1	1.7	Stearidonic acid	C18:4 (n-3)	0.01
Vitamin K <sub>1</sub>	µg	26	3.6	5.4	Eicosaenoic acid	C20:1 (n-9)	0.41
Vitamin C	mg	61	8.3	13	Dihomo-gamma-linolenic acid	C20:3 (n-6)	0.03
Thiamin (B <sub>1</sub> )	mg	0.37	0.05	0.08	Arachidonic acid	C20:4 (n-6)	0.38
Riboflavin (B <sub>2</sub> )	mg	0.88	0.12	0.18	Eicosapentaenoic acid	C20:5 (n-3)	0.063
Niacin (B <sub>3</sub> )	mg NE	3.2	0.43	0.65	Erucic acid	C22:1 (n-9)	0.09
Pantothenic acid	mg	2.4	0.33	0.50	Docosapentaenoic acid	C22:5 (n-3)	0.01
Vitamin B <sub>6</sub>	mg	0.26	0.035	0.053	Docosahexaenoic acid	C22:6 (n-3)	0.35
Folic acid	µg	113	15	23	Nervoic acid	C24:1 (n-9)	0.05
Vitamin B <sub>12</sub>	µg	1.3	0.18	0.27	LA:ALA		5.6:1
Biotin	µg	12	1.6	2.4	<b>Amino Acid Composition**</b>		
<b>Minerals</b>							
Sodium	mg	125	17	26	L-alanine		4
Potassium	mg	525	71	108	L-arginine		3
Chloride	mg	334	45	69	L-aspartic acid		9.4
Calcium	mg	378	51	78	L-cysteine		1.8
Phosphorus	mg	239	32	49	L-glutamic acid		20.3
Magnesium	mg	39	5.3	8.1	Glycine		1.9
Iron	mg	3.8	0.52	0.79	L-histidine		2.5
Zinc	mg	3.8	0.51	0.77	L-isoleucine		4.9
Copper	mg	0.29	0.039	0.059	L-leucine		10.2
Manganese	mg	0.056	0.008	0.011	L-lysine		8.7
Fluoride	mg	≤0.02	≤0.003	≤0.005	L-methionine		2.2
Selenium	µg	13	1.7	2.6	L-phenylalanine		4.0
Iodine	µg	89	12	18	L-proline		7.4
<b>Others</b>							
Choline	mg	88	12	18	L-serine		5.4
Taurine	mg	39	5.3	8.1	L-threonine		5.4
Inositol	mg	26	3.6	5.4	L-tryptophan		1.6
L-carnitine	mg	11	1.5	2.3	L-tyrosine		4.0
Nucleotides	mg	23	3.1	4.8	L-valine		5.3
GOS/FOS‡	g		0.8				
Osmolarity			292				
Osmolality			330				
Potential renal solute load			124				
Scoop weight**			4.5				
Standard dilution**			13.6%				

\*\*Refers to powder.

† Long chain polyunsaturated fatty acids.

‡ Galacto-oligosaccharides/Fructo-oligosaccharides.

Healthcare professional helpline

**0800 996 1234** [eln.nutricia.co.uk](http://eln.nutricia.co.uk)

Details correct as of January 2020.