Aptamil Pepti 2

Indications

Aptamil Pepti 2 is an extensively hydrolysed whey-based formula. It is specifically designed for the dietary management of cows' milk allergy in infants and children from 6 months onwards to complement a cows' milk-free weaning diet and can be used in cooking.

It is formulated with extra calcium, vitamin D and iron, as infants and children on elimination diets for cows' milk allergy may have significantly reduced intakes of some micronutrients[1,2].

Aptamil Pepti 2 is the only extensively hydrolysed formula for infants over 6 months to contain Galacto- and Fructo-oligosaccharides, which encourage the growth of friendly bacteria in the gut[3,4]. Infants fed a formula containing oligosaccharides have been shown to have a lower incidence of diarrhoea and infections requiring antibiotics compared with those fed a formula without oligosaccharides[5,6].

It is whey-based for superior palatability, compared with a casein hydrolysate[7,8], and contains a reduced lactose level. It also contains long chain polyunsaturated fatty acids (LCPs) for brain, eye and nervous system development[9], and nucleotides, which form the building blocks of the cells of the body, including the immune system[10].

Prescribability

Aptamil Pepti 2 is a food for special medical purposes for the dietary management of cows' milk allergy in infants from 6 months of age.

Contra-indications

I. Not suitable for intravenous use.

II. Not suitable for vegetarians.

III. Due to the special formulation of the feed, there may be some separation of prepared feeds on standing. Shake well before use.

Pack formats and product codes

Aptamil Pepti 2 is available in a powder format. 400g tins are supplied in cases of 12; the product PIP code is 391-8950. 800g tins are supplied in cases of 6; the product PIP code is 391-8968.

Preparation and storage

All Aptamil 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

Maltodextrin, Hydrolysed whey protein concentrate (from **milk***), Vegetable oils (palm oil, rapeseed oil, coconut oil, sunflower oil, single cell oil), Galacto-oligosaccharides (from **milk***), Calcium phosphate, Emulsifier (citric acid ester of mono- and di-glycerides), Fructo-oligosaccharides, **Fish** oil, Potassium chloride, Sodium chloride, Magnesium hydrogen phosphate, Calcium carbonate, Vitamin C, Choline chloride, Sodium citrate, Taurine, Ferrous sulphate, Inositol, Vitamin E, Zinc sulphate, Uridine 5'-monophosphate sodium salt, Cytidine 5'-monophosphate, L-carnitine, Adenosine 5'-monophosphate, Inosine 5'-monophosphate sodium salt, Nicotinamide, Pantothenic acid, Guanosine 5'-monophosphate sodium salt, Biotin, Copper sulphate, Folic acid, Vitamin A, Riboflavin, Vitamin B_{12}, Thiamin, Vitamin D_3, Vitamin B_6, Potassium iodide, Manganese sulphate, Vitamin K_1, Sodium selenite.

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

PDS: 0129234 V1

*This product is designed for the dietary managment of cows' milk allergy so the milk proteins present have been broken down (hydrolysed) to reduce the likelihood of them causing an allergic reaction.

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

References: 1. David TJ *et al*. Arch Dis Child 1984;59:323-5. 2. Tiainen JM *et al*. Eur J Clin Nutr 1995;49(8):605-12. 3. Moro G *et al*. J Pediatr Gastroenterol Nutr 2002;34(3):291-5. 4. Gibson GR, Roberfroid MB. J Nutr 1995;125(6):1401-12. 5. Bruzzese E *et al*. Clin Nutr 2009;28(2):156-61. 6. Arslanoglu S *et al*. J Nutr 2008;138:1091-5. 7. Pedrosa M *et al*. J Investig Allergol Clin Immunol 2006;16(6):351-6. 8. Venter C. Cows milk protein allergy and other food hypersensitivities in infants [Online]. Available at: https://www.jfhc.co.uk/Cows_milk_protein_allergy_and_other_food_hypersensitivities_in_ infants_20679.aspx [Accessed: January 2016]. 9. Koletzko BB *et al*. J Perinat Med 2008;36:5-14. 10. Aggett P *et al*. Nutrition 2003;19:375-84.

For healthcare professional use only

DATACARD

Aptamil Pepti 2

Typical values	Units	Powder		
		/100g	/100ml prepared feed	/100kcal
Major Nutrients				
Energy	kJ	1980	285	420
	kcal	473	68	100
Protein	g	11.2	1.6	2.4
of which, whey	g	11.2	1.6	2.4
of which, casein	g	0	0	0
Carbohydrate	g	56.0	8.1	11.8
of which, sugars	g	24.9	3.6	5.3
of which, lactose	g	20.3	2.9	4.3
Fat	g	21.8	3.1	4.6
of which, saturates	g	9.9	1.4	2.1
of which, unsaturates	g	11.9	1.7	2.5
of which, LCPs†	mg	137	21	30.4
of which, arachidonic acid (AA)	mg	62	9	13
of which, docosahexaenoic acid (DHA)	mg	62	9	13
Fibre	g	4	0.6	0.8
Sodium	mg/mmol	176/7.7	25/1.1	37/1.6
Vitamins				
Vitamin A	µg RE	409	59	87
Vitamin D_3	µg	9.9	1.4	2.1
Vitamin E	mg α-TE	7.8	1.1	1.7
Vitamin K_1	µg	35	5	7.4
Vitamin C	mg	64	9.2	13
Thiamin (B_1)	mg	0.35	0.05	0.08
Riboflavin (B_2)	mg	0.78	0.011	0.16
Niacin (B_3)	mg NE	6.2	0.89	1.3
Pantothenic acid	mg	2.33	0.33	0.5
Vitamin B_6	mg	0.28	0.04	0.06
Folic acid	µg	59	8.4	12
Vitamin B_{12}	µg	1.3	0.18	0.27
Biotin	µg	14	2.1	3
Minerals				
Potassium	mg/mmol	543/13.9	78/2	115/2.9
Chloride	mg/mmol	291/8.3	42/1.2	61/1.7
Calcium	mg/mmol	438/11	63/1.6	93/2.3
Phosphorus	mg	254	37	54
Phosphate	mmol	8.2	1.2	1.7
Magnesium	mg/mmol	38/1.6	5.5/0.2	8.1/0.3
Iron	mg	7.1	1	1.5
Zinc	mg	3.5	0.51	0.75
Copper	µg	282	41	60
Manganese	µg	75	11	16
Fluoride	mg	≤0.02	≤0.003	≤0.005
Selenium	µg	8.5	1.2	1.8
Iodine	µg	85	12	18
Others				
L-carnitine	mg	8.5	1.2	1.8
Choline	mg	71	10	15
Inositol	mg	23	3.4	4.9
Taurine	mg	37	5.3	7.8
Nucleotides	mg	23	3.2	4.8
GOS/FOS◊	g		0.8	
Osmolarity		260 mOsmol/l		
Osmolality		290 mOsmol/kg H_2O		
Potential renal solute load		146 mOsmol/l		
Scoop weight		4.8g		
Standard dilution		14.4%		

Fatty Acid Composition		g/100g fatty acids
Saturated		
Caproic acid	C6:0	0.17
Caprylic acid	C8:0	1.98
Capric acid	C10:0	1.48
Lauric acid	C12:0	11.6
Myristic acid	C14:0	4.85
Palmitic acid	C16:0	18.4
Stearic acid	C18:0	4.46
Arachidic acid	C20:0	0.41
Behenic acid	C22:0	0.26
Lignoceric acid	C24:0	0.07
Unsaturated		
Palmitoleic acid	C16:1 (n-7)	0.18
Oleic acid	C18:1 (n-9)	36.7
Linoleic acid	C18:2 (n-6)	13.7
Alpha-linolenic acid	C18:3 (n-3)	2.51
Gamma-linolenic acid	C18:3 (n-6)	0.02
Eicosaenoic acid	C18:4 (n-3)	0.48
Dihomo-gamma-linolenic acid	C20:1 (n-9)	0.02
Arachidonic acid	C20:3 (n-6)	0.3
Eicosapentaenoic acid	C20:4 (n-6)	0.06
Erucic acid	C20:5 (n-3)	0.11
Docosapentaenoic acid	C22:1 (n-9)	0.01
Docosahexaenoic acid	C22:5 (n-3)	0.3
Nervoic acid	C22:6 (n-3)	0.06
LA:ALA	C24:1 (n-9)	5.5:1

Amino Acid Composition	g/100g protein
L-alanine	5.8
L-arginine	2.7
L-aspartic acid	11
L-cysteine	1.9
L-glutamic acid	18.4
Glycine	1.9
L-histidine	1.9
L-isoleucine	7
L-leucine	11
L-lysine	10.6
L-methionine	2.1
L-phenylalanine	3.5
L-proline	6.6
L-serine	4.8
L-threonine	7.6
L-tryptophan	1.7
L-tyrosine	3.4
L-valine	6

†Long chain polyunsaturated fatty acids.
◊Galacto-oligosaccharides/Fructo-oligosaccharides.

Details correct as of January 2017.

Healthcare professional helpline

0800 996 1234 eln.nutricia.co.uk