

# ALIMENTUM®

Hypoallergenic, extensively hydrolyzed formula

For infants 0+ months of age



## INDICATIONS FOR USE

**A nutritionally complete, hypoallergenic formula for infants with:**

- Colic symptoms due to protein sensitivity (cow's milk and/or soy protein)
- Sensitivity to intact protein (cow's milk and/or soy protein)
- Severe food allergies
- Protein maldigestion
- Fat malabsorption
- For initial or supplemental feeding.
- For oral or tube feeding.

**Safety precautions:**

- Not for parenteral use.
- Not for infants with galactosemia.

## FEATURES AND BENEFITS

- Alimentum® fulfills the accepted international medical standard for a "hypoallergenic" product.<sup>1,2</sup> "Hypoallergenic" does not mean "non"-allergenic.
- Extensively hydrolyzed† casein, supplemented with free amino acids for infants who are sensitive to or unable to digest intact protein.
- Unique blend of two carbohydrates (sucrose and modified tapioca starch) using two absorptive pathways to help maximize absorption and minimize risk of malabsorption.<sup>3</sup>
- Approximately 33% of fat as medium-chain triglycerides, an easily digested and well-absorbed fat source.<sup>4</sup>
- Does not contain added lactose, to help avoid lactose-associated diarrhea.
- Contains no palm olein oil.
- Easy to digest.‡

## TECHNICAL DATA

	Ready to use
Caloric density (Cal/mL)	0.68
Protein (% of total energy)	11
Fat (% of total energy)	49
Carbohydrate (% of total energy)	40
Total Cal:g nitrogen ratio	N/A
Non-protein Cal:g nitrogen ratio	N/A
Water (g/L)	900
Osmolality (mOsm/kg water)	370
Renal solute load (mOsm/L)	123
Viscosity at room temperature/ chilled	Thin/thin
Minimum tube size for gravity/ pump feeding (Fr)	5/5
Low residue	Yes
Gluten-free	Yes
Kosher	No
Halal	No

## AVAILABILITY

**Ready to use**

58266941 Alimentum® 237-mL cans 6x4/case

† Extensively broken down to small peptides and amino acid components to minimize the potential for allergic reaction. ‡ Similar to other infant formulas.

### REFERENCES:

1. Kleinman RE et al. Use of infant formulas in infants with cow milk allergy: a review and recommendations. *Pediatr Allergy Immunol* 1991;2:146-55.
2. American Academy of Pediatrics. Committee on Nutrition. Hypoallergenic Infant Formulas. *Pediatrics* 2000;106(2):346-9.
3. Kerzner B et al. Jejunal absorption of sucrose and glucose oligomers in the absence of pancreatic amylase. *Pediatr Res* 1983;17:191A.
4. Duggan C, Watkins JB and Walker WA. Nutrition in Pediatrics: Standard and Specialized Enteral Formulas. BC Decker Inc. Hamilton. 2008.

## ENERGY

	Per 100 mL	Per 100 Cal	Per 237 mL
ENERGY (Cal [kJ])	68 (285)	100 (418)	161 (674)
PROTEIN (g)	1.86	2.75	4.41
% of total energy		11	
Arginine (mg)	78	115	185
Cystine (mg)	28.9	42.8	68.5
Histidine (mg)	54	79	128
Isoleucine (mg)	109	160	258
Leucine (mg)	178	262	422
Lysine (mg)	161	237	382
Methionine (mg)	54	79	128
Phenylalanine (mg)	87	128	206
Tryptophan (mg)	27.7	41.0	65.6
Threonine (mg)	89	131	211
Valine (mg)	139	204	329
Taurine (mg)	5.2	7.7	12.3
Carnitine (mg)	1.5	2.2	3.6
Source	Casein hydrolysate, free amino acids		
FAT (g)	3.75	5.55	8.89
% of total energy		49	
Polyunsaturated fatty acids (g)	1.28	1.88	3.03
Linoleic acid (g)	1.28	1.90	3.03
Arachidonic acid (ARA) (g)	-	-	-
Linolenic acid (g)	0.075	0.110	0.178
Docosahexaenoic acid (DHA) (g)	-	-	-
Omega-6:Omega-3 ratio		N/A	
Monounsaturated fatty acids (g)	0.26	0.38	0.616
Saturated fatty acids (g)	1.82	2.68	4.313
Cholesterol (mg)	-	-	-
Source	Safflower oil, MCT oil, soy oil		
MCT oil (% of total fats)		33	
CARBOHYDRATE (g)	6.9	10.2	16.4
% of total energy		40	
Total dietary fibre (g)	-	-	-
Short-chain fructooligosaccharides (scFOS) (g)	-	-	-
Galactooligosaccharides (GOS) (g)	-	-	-
Source	Sucrose, modified tapioca starch		
Acesulfame-potassium (mg)	-	-	-
Sucralose (mg)	-	-	-

## VITAMINS

Vitamin A (RE [IU])	61 (203)	90 (300)	144 (481)
Vitamin D <sub>3</sub> (mcg [IU])	0.75 (30)	1.13 (45)	1.78 (71)
Vitamin E (IU)	2.0	3.0	4.7
Vitamin K <sub>1</sub> (mg)	0.010	0.015	0.024
Vitamin C (mg)	6.0	9.0	14.2
Thiamine (mg)	0.041	0.060	0.097
Riboflavin (mg)	0.061	0.090	0.145
Niacin (mg)	0.913	1.350	2.2
Vitamin B <sub>6</sub> (mg)	0.041	0.060	0.097
Folic acid (mg)	0.01	0.015	0.024
Vitamin B <sub>12</sub> (mg)	0.0003	0.0004	0.0007
Pantothenic acid (mg)	0.507	0.750	1.202
Biotin (mg)	0.003	0.005	0.007
Choline (mg)	8.5	12.6	20.1
Inositol (mg)	3.4	5.0	8.1

## MINERALS

Sodium (mg [mmol])	30 (1.30)	44 (1.91)	71 (3.09)
Potassium (mg [mmol])	80 (2.05)	118 (3.03)	190 (4.86)
Chloride (mg [mmol])	54 (1.52)	80 (2.26)	128 (3.61)
Calcium (mg)	71	105	168
Phosphorus (mg)	51	75	121
Magnesium (mg)	5.1	7.5	12.1
Iron (mg)	1.2	1.8	2.8
Zinc (mg)	0.51	0.75	1.21
Iodine (mg)	0.01	0.01	0.02
Copper (mg)	0.051	0.075	0.121
Manganese (mg)	0.0054	0.0080	0.0128
Selenium (mg)	0.0019	0.0028	0.0045
Chromium (mg)	-	-	-
Molybdenum (mg)	-	-	-

## INGREDIENTS

### Alimentum<sup>®</sup>, Ready to use:

Water, sucrose, casein hydrolysate (enzymatically hydrolyzed), modified tapioca starch, safflower oil, medium chain triglycerides (modified coconut and/or palm kernel oil), soy oil, calcium citrate, calcium phosphate, carrageenan, potassium phosphate, ascorbic acid, magnesium chloride, calcium hydroxide, sodium chloride, potassium chloride, L-cystine dihydrochloride, potassium citrate, L-tyrosine, choline chloride, L-tryptophan, ferrous sulphate, taurine, m-inositol, *dl*- $\alpha$ -tocopheryl acetate, zinc sulphate, L-carnitine, niacinamide, calcium pantothenate, vitamin A palmitate, cupric sulphate, thiamine chloride hydrochloride, riboflavin, pyridoxine hydrochloride, folic acid, potassium iodide, phyloquinone, biotin, sodium selenate, vitamin D<sub>3</sub>, cyanocobalamin.

**CONTAINS: Priority food allergens:** Milk.<sup>‡</sup> **Ingredients associated with food intolerances and/or sensitivities:** Coconut oil, other soy components, lactose.

<sup>‡</sup> Alimentum<sup>®</sup> contains a pre-digested protein (casein hydrolysate). This hypoallergenic formula is specifically designed for infants and children who cannot tolerate milk- or soy-based formulas.

Values listed are subject to change. Please refer to the product label or packaging for the most current ingredient, allergen and nutrient profile information.

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