

Nutritional Care in Hospital

Nutricia® Human Milk Fortifier (SKU 171377)



Nutrition Information Panel

	Units	Per Nutricia® Human Milk Fortifier Sachet (1g)	Per Nutricia® Human Milk Fortifier Serve (4g)	Preterm Breast Milk ¹⁻³ /100mL [†]	Preterm Breast Milk ¹⁻³ + 4 sachets (4g)/100mL [†]
Energy	kcal	4.3	17.2	66	83.2
	kJ	18.1	72.4	274	346.4
Protein*	g	0.4	1.2	1.3	2.5
Whey	g	0.2	0.6	0.8	1.4
Casein	g	0.2	0.6	0.5	1.1
Carbohydrate	g	0.4	1.5	7.3	8.8
Sugars	g	0.02	0.1	7.3	7.4
Lactose	g	0.01	0.04	7.3	7.3
Fat	g	0.2	0.7	3.5	4.2
Saturated	g	0.1	0.5	1.8	2.3
Monounsaturated	g	0.03	0.1	1.4	1.5
Polyunsaturated	g	0.01	0.03	0.3	0.3
Arachidonic acid (AA)	mg	1.2	4.8	11.2	16
Docosahexanoic acid (DHA)	mg	1.3	5.2	16.5	21.7
Medium chain triglycerides (MCT)	%	0.3	1.3	0	1.3
Fibre	g	0	0	0	0
Vitamins					
Vitamin A	µg	58	231.9	14	245.9
Vitamin D ₃	µg	1.4	5.5	0.2	5.7
Vitamin E	mg (mg TE)	0.9 (0.7)	3.5 (2.6)	0.3 (0.4)	3.8 (3)
Vitamin K	µg	4.1	16.4	2	18.4
Vitamin C	mg	3	11.9	4.4	16.3
Thiamin (B ₁)	mg	0.03	0.1	0.009	0.1
Riboflavin (B ₂)	mg	0.04	0.2	0.03	0.2
Niacin (B ₃)	mg	0.6	2.3	0.2	2.5
Pantothenic acid	mg	0.2	0.8	0.2	1
Vitamin B ₆	mg	0.03	0.1	0.01	0.1
Folic acid	µg	7.5	30	3.1	33.1
Folate	µg	12.5	50	3.1	53.1
Vitamin B ₁₂	µg	0.1	0.2	0.02	0.2
Biotin	µg	0.6	2.5	0.5	3
Minerals					
Sodium	mg	8.2	33	28	61
Potassium	mg	5.8	23	50	73
Chloride	mg	6.3	25	58	83
Calcium	mg	17.3	69.4	25	94.4
Phosphorus	mg	9.5	38	15.5	53.5
Magnesium	mg	1.3	5	3.3	8.3
Iron	mg	0.1	0.3	0.1	0.4
Zinc	mg	0.2	0.6	0.4	1
Copper	mg	0.01	0.04	0.04	0.1
Manganese	mg	0.002	0.01	0.0004	0.01
Selenium	µg	0.4	1.8	2.4	4.2
Iodine	µg	2.8	11.2	18	29
Others					
			Per 4 sachets dissolved in 100 mL breast milk		
Osmolality		mOsmol/kg H ₂ O	410 [†]		
			Per 4 sachets dissolved in 100 mL water		
Potential Renal Solute Load		mOsmol/L	114		

*Extensively hydrolysed Cow's Milk Protein. [†]Indicative value; might vary per individual and lactation phase.

DISCLAIMER: BREAST MILK IS BEST FOR BABIES. FOR HEALTHCARE PROFESSIONALS USE ONLY - NOT FOR DISTRIBUTION OR SHARING TO THE GENERAL PUBLIC.

For more information call the Nutricia® Careline
AU: 1800 060 051 NZ: 0800 636 228



Nutricia® Human Milk Fortifier

Human Milk Fortifier

Food for special medical purposes. For the dietary management of preterm and low birthweight infants. Must be used under medical supervision.
Sachet: 1 g
Best before: see below.

Nutricia® Human Milk Fortifier is a multicomponent human milk fortifier for the dietary management of preterm and low birthweight infants.

Powdered (1g) nutritionally incomplete Food for Special Medical Purposes (FSMP).

Indications

- **Nutricia® Human Milk Fortifier** is a powdered nutritionally incomplete Food for Special Medical Purposes (FSMP) for the dietary management of preterm and low birthweight infants.
- For addition to mother's own expressed breast milk or human donor breast milk.

Directions for use

- Not for parenteral use.
- Wash hands, use clean or sterilised utensils and ensure top of packaging is clean.
- Prepare the food per serving and use within 2 hours.
- Preparation per 100mL Ready-To-Feed:
 - 100mL of human milk (37°C) and 4g of powder (4 x 1g sachets).
- Always discard unfinished feeds.

Storage

- Store unopened sachets in a dry and cool place (<25°C, do not refrigerate).
- Once sachet is opened, discard unused contents.

Ingredients

Maltodextrin, Whey protein hydrolysate (**milk**), Casein hydrolysate (**milk**), Anhydrous **milk** fat, Vegetable oil, (Medium chain triglycerides (Coconut and/or Palm oil)), Calcium glycerophosphate, Calcium lactate, Sodium chloride, Magnesium citrate, **Fish** oil, L-Ascorbic acid, Sodium hydroxide, Sodium citrate, **Egg** lipid, Oil from Mortiere/la alpina, Potassium chloride, L-Tryptophan, DL-alpha tocopheryl acetate, Nicotinamide, Zinc sulphate, Calcium D-pantothenate, Retinyl palmitate, DL-alpha tocopherol, Riboflavin, Thiamin hydrochloride, Copper sulphate, Pyridoxine hydrochloride, Pteroylmonoglutamic acid, Manganese sulphate, Phytomenadione, Potassium iodide, Cholecalciferol, O-Biotin, Sodium selenite, Cyanocobalamin.

Precautions

- Must be used under medical supervision.
- Not suitable as a sole source of nutrition.

Features

- Helps to meet the specific nutrient needs of preterm infants.
- Multicomponent human milk fortifier, based on extensively hydrolysed protein (50:50 whey to casein ratio).
- Contains Long Chain Polyunsaturated Fatty Acids (LCPs), DHA and AA.
- Contains no added iron.
- 1g sachets for fortification of smaller volumes of breast milk

Allergen & Cultural Information

- **Contains: Milk, Fish, Egg.**
- Halal suitable. Kosher suitable.
- No gluten containing ingredients.

Amino Acid Composition

	g/100g Protein equivalent
L-Alanine	4.7
L-Arginine	3.3
L-Aspartic acid + L-Asparagine	10.4
L-Cysteine	1.5
L-Glutamic acid + L-Glutamine	24.7
Glycine	1.9
L-Hystidine	2.5
L-Isoleucine	6.4
L-Leucine	10.7
L-Lysine	9.8
L-Methionine	2.7
L-Phenylalanine	4.1
L-Proline	9.5
L-Serine	6.1
L-Threonine	6.6
L-Tryptophan	1.5
L-Tyrosine	4.4
L-Valine	6.9

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References: 1. Boyce C, et al. *Br J Nutr*. 2016;116(6):1033–45. 2. Koletzko B, et al. *World Rev Nutr Diet*. 2014;110:297–99. 3. Composition of preterm breast milk from Foodworks 2007, Version 5, Service pack 1, Build 1376, 1998-2007, Xyris Software NZ.

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BREAST MILK IS BEST FOR BABIES: Professional advice should be followed before using an infant formula. Partial bottle feeding could negatively affect breastfeeding. Good maternal nutrition is important for breastfeeding and reversing a decision not to breastfeed may be difficult. Infant formula should be used as directed. Improper use of infant formula may affect the health of the baby. Social and financial implications should be considered.

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