

# LACTOFERRIN

**Product** Lactoferrin

**Product Description**

**LACTOFERRIN** is a freeze-dried protein purified directly from premium quality, fresh bovine milk. It has a high affinity for iron and, therefore, is an excellent inhibitor of a wide range of microorganisms that require iron for growth. As well as being necessary for normal growth of intestinal cells, lactoferrin functions as an antioxidant in iron mediated oxidation reactions and as an anti-inflammatory agent. It also may play an important role in the transport of iron across the duodenal mucosa.

**Application**

**LACTOFERRIN** is particularly suitable in FOOD and PHARMACEUTICAL application. Also it is used as DAILY SUPPLEMENT.

**Specification**

**CHEMICAL-PHYSICAL DATA**

Aspect	FREE FLOWING, FREEZE-DRIED POWDER	
Colour	SALMON PINK	
	<b>min</b>	<b>max</b>
Moisture		0,5%
pH (2% solution, 20°C)	5,5	6,5

**ANALYTICAL DATA**

Ash (%)		0,9
Iron (%)	10	20
Protein (%)		98
Lactoferrin (% Protein)		92

**MICROBIOLOGICAL ANALYSIS**

Aerobic Plate Count (cfu/g)		10
Coliforms/g		N.D.
E.Coli/g		N.D.
Coagulase positive staphylococci/g		N.D.
Samonella/25g		Absent
Listeria/25g		Absent

**Shelf Life:** 36 months in original unopened packing under recommended storage conditions.

**Storage:** For adequate protection on storage, it is recommended to maintain temperatures below 25°C, relative humidity below 65%, and an odour free environment. Packages should not be in direct contact with walls or floors.

**Packing:**

- Sachets: 5kg polyethylene lined, aluminium foil construction.
- Carton: 2 x 5kg sachets per carton (NET weight).

**Label:** Batch number, Product name, Production date, Expiry date, Net weight.

**DECLARATIONS:**

**Food Intolerance Declaration**

(According with the Directives 2005/26/CE, 2007/68/CE and the new directive 2011/1169/CE)

Food Allergens	Presence	Absence	CROSS-CONTAMINATION
1. Cereals containing gluten (i.e. wheat, rye, barley, oats, spelt, kamut or their hybridised strains) products thereof		yes	
2. Crustaceans and products thereof		yes	
3. Eggs and products thereof		yes	
4. Fish and products thereof		yes	
5. Peanuts and product thereof		yes	
6. Soybeans and products thereof		yes	
7. Milk and products thereof (including lactose)	yes		
8. Nuts, i.e. almonds, hazelnuts, walnuts, cashews, pecan nut, Brazil nut, pistachio nut, macadamia nuts, Queensland nuts and products thereof		yes	
9. Celery and products thereof		yes	
10. Mustard and products thereof		yes	
11. Sesame seeds and products thereof		yes	
12. Sulphur dioxide and sulphites at concentrations of more than 10 mg/Kg or 10 mg/l esprime as SO <sub>2</sub>		yes	
13. Lupin and products thereof		yes	
14. Molluscs and product thereof		yes	

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**GMO Free Statement**

The product in object does not contain and is not manufactured using raw material reagents organization from GMO (Genetically modified organism) or GMO derived product.

For this reason, it is not necessary other declaration and/or additional procedure: OGM labeling and traceability as it is expected in the CEE 1829/2003 and 1830/2003 directives.

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**RESIDUAL SOLVENT statement**

The product in object only contains deionized water as solvent.

There is **NO** any residual solvent in the product.

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**IONIZING RADIATION statement**

The product in object is **NO treated with ionizing radiation**, in according to the following Directives:

- Directive 1999/2/EC of the European Parliament on the approximation of the laws of the Member States concerning foods and food ingredients treated with ionizing radiation
- Directive 1999/3/EC of the European Parliament on the establishment of a Community list of foods and food ingredients treated with ionizing radiation

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**GLUTEN FREE statement**

The product in object is **GLUTEN FREE**.

We hereby confirm that in the other production of raw material it does not use any form of gluten. We confirm that there is not the possibility of cross-contamination.

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**ORIGIN STATEMENT**

GEOGRAPHICAL ORIGIN (processing country) → NEW ZEALAND  
GEOGRAPHICAL ORIGIN (Raw material) → NEW ZEALAND

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**BSE/TSE statement**

The product in object is **compliant** with the guidelines EMEA 410/02 Rev.02 and Regulation (EC) No 999/2001 and subsequent amendments, regarding of the measures of prevention, control and eradication of some transmissible encephalopathies.

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**OTHER INFORMATION:**

<b>The product is:</b>	<b>certified</b>	<b>Note:</b>
Halal	yes	
Kosher	yes	

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**Legislation & warranty statement**

The product will be manufactured and packaged in accordance with all current relevant EU legislation. The information stated is provided in good faith. It is based upon the product formulation, the data provided by our raw materials suppliers and the factory of manufacture at the date of issue of this specification. It is the responsibility of the user to ensure this information is appropriate and complete with respect to the specific use intended for the product. Local national regulations should be consulted for the intended specific application and declaration as legislation may vary from country to country.