

Product Specifications

Lactoferrin



Product Information

Description	Value
Product Definition	Lactoferrin VLF-1 is produced from fresh, undenatured cow milk.
Ingredients	Milk

Conformity

Aspect	Detail
Conformity	The product conforms with the current EU-Food regulation.
GMO Status	The product and its ingredients do not consist of GMO. Labelling according to EU reg. 1829/2003 and 1830/2003 is not required.

Packaging

Description	Detail
Packaging	From outside, a cardboard box, a PE bag, and an aluminum bag, 5 kg/bag, 1-2 bags per carton.

Storage & Shelf Life

Description	Detail
Storage & Shelf Life	24 months after production date, in a closed package, dry, clean, and protected from light and off flavors (rel. humidity max. 65%).

Range of Application

Aspect	Detail
Range of Application	Biotaris guarantees the values in this specification. It is the buyer's responsibility to check all local requirements for the intended application of the product as well as all the requirements for the intended country of destination.

Sensory Parameters

Parameter	Test Method	Value
Appearance/Color	Visual	Pink to reddish-brown
Consistency	Free flowing powder	



Chemical-Physical Parameters

Parameter	Test Method	Value
Total Protein (N x 6.38)	ISO 8968-1	95.0 %
Lactoferrin in Protein	HPLC	95.0 %
Other Proteins	Calculated	5.0 %
Moisture	ISO 5537	4.5 %
Ash	NEN 6810	1.5 %
Dissolvability	0.8 g sample + 40 ml water	Clear, transparent solution
pH 2% Solution	-	5.2 – 7.2
Iron (Monitoring)	ICP	350 mg/kg

Microbiological Parameters

Parameter	Test Method	Value
Total Plate Count	ISO 4833	1000 CFU/g
Coliforms	ISO 4831	3 MPN/g
Yeasts and Molds	MSDA	10 CFU/g
Salmonella	ISO 16140	Negative / 25 g
Staphylococcus aureus	ISO 6888-1/DIN EN ISO 6888-2	Negative / 25 g
Listeria monocytogenes	ISO 16140	Negative / 25 g

Contaminants and Residue (Monitoring)

Parameter	Test Method	Value
Lead (Calculated as Pb)	ICP-MS	1.0 mg/kg
Total Arsenic (Calculated as As)	ICP-MS	1.0 mg/kg
Cadmium (Cd)	ICP-MS	1.0 mg/kg
Mercury (Hg)	ICP-MS	0.1 mg/kg

Allergens

Allergen	Presence
Milk and products thereof including lactose	Present

For availability, best price, and delivery time, please send us your inquiry to info@biotaris.com