

Dairy Lactoferrin Standard

Product Definition

Bovine Lactoferrin is a biologically active milk protein isolated from fresh cow's milk or fresh whey.

Colostrum Lactoferrin is a biologically active milk protein isolated from fresh colostrum.

Composition

Classifications	Protein	Lactoferrin	Ash	Moisture
Bovine Lactoferrin	Min. 96%	90% of total protein	Max. 2.0%	Max. 5.0%
Colostrum Lactoferrin	Min. 96%	90% of total protein	Max. 2.0%	Max. 5.0%

(*) Protein content is reported on a dry basis, all other parameters are reported "as is"

Other Characteristics

Scorched Particle Content	≤ 15.0 mg
Color	tan to light pink
pH	5 - 8

Microbiological Analysis

Standard Plate Count	≤ 5,000 cfu/g
Coliform	≤ 10 cfu/g
Salmonella	negative (25g)
Listeria	negative (25g)
Yeast & Mold	≤ 10 /g

Methods of Analysis

Criteria	Reference Method
Standard Plate Count	FDA BAM
Coliform Bacteria	AOAC 989.10 (Petrifilm)
Salmonella	FDA BAM
Listeria	FDA BAM
Yeast/Mold	FDA BAM
Moisture	AOAC 927.05 (Vacuum Oven)
Protein	SM 15.132 (Kjeldahl)
Lactoferrin	HPLC
Ash	AOAC 900.02 (Gravimetric)

Product Labeling

“Lactoferrin” for lactoferrin from fresh milk or fresh whey

“Colostrum Lactoferrin” for lactoferrin from fresh colostrum

Product Naming

The name of the product is “Lactoferrin” for lactoferrin from fresh milk or fresh whey.

The name of the product is “Colostrum Lactoferrin” for lactoferrin from fresh colostrum.

Product Applications and Functionality

Lactoferrin - Foods, Beverages, Supplements, Infant Nutrition, Immune Support and Cosmetics.

Colostrum Lactoferrin – Dietary Supplements, Animal Nutrition

Storage & Shipping

Product should be stored and shipped in a cool, dry environment with temperatures below 80°F and relative humidity below 65%. Stocks should be rotated and utilized within 1 – 2 years.

Packaging

Any suitable closed container.