



PRODUCT SPECIFICATION

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PRODUCT IDENTIFICATION

Product Name: Bioferrin Lactoferrin Powder

Product Description: Lactoferrin Powder GB95

Product Code: DPLF95GBMF5

WARNING AND ADVISORY STATEMENTS

- Contains dairy ingredients

PHYSICAL & CHEMICAL SPECIFICATIONS

COMPOSITION / QUALITY PARAMETERS		
FLAVOUR	Typical clean flavour & odour	
APPEARANCE	Pink colour powder with no lumps	
PHYSICAL ATTRIBUTES	A freeze dried, milled powder with a particle size of <40 mesh	
CHEMICAL TEST	RANGE	METHOD
Lactoferrin	≥ 95% of total protein	HPLC (GB 1903.17-)
Protein	≥ 95%	AS 2300.1.2.1 (GB 5009.5)
Ash %	≤ 1.3%	AS 2300
pH (2% solution)	5.2 – 7.2	AS 2300
Iron	≤ 35 mg/100g	MICP 01 04.06
Moisture -Loss on drying	≤ 4.5%	AS 2300.1.1 (GB 5009.3)
Nitrites	≤ 1.5 mg/kg	NITR 05 12.10
Nitrates	≤ 50mg/kg	NITR 05 12.10
Aflatoxin M1	≤0.02 µg/kg	AFLA 10.07.16
Lead**	≤0.15 mg/kg	ICPM010611
Arsenic**	≤1 mg/kg	ICPM010611
Chromium**	<1mg/kg	ICPM010611
Pesticides**	<LOD	PEST 07 08.15
Melamine**	absent	MELA 01 10.13
Chlorate**	<135 µg/kg	BJS 201706
Perchlorate**	<13.5 µg/kg	BJS 201706
Plasticizer**	DBP ≤ 0.3 mg/kg, DEHP ≤ 1.5 mg/kg	GB 5009.271
Vanillin**	≤50 µg/kg	GB 5009.284
Ethyl Vanillin**	≤50 µg/kg	GB 5009.284
**frequency based on Risk Monitoring		

Physical Standards		
Physical		Method
Solubility	Completely soluble at 2% solution	FSP 5.16.4
Sediment	Grade 1	FSP 5.16.4
Foreign Matter	Absent FSP	5.16.4
Sieve test; Particle Size Test 30g	100% pass 40 mesh	FSP 5.16.4
Antibiotics/Inhibitory Substances	Not detected	FSP 6.9.3.2

MICROBIOLOGICAL SPECIFICATIONS

OTHER INFORMATION - Requires no GMO labelling under the FSANZ Code.		
Micro-organism	Specifications	Method
Standard Plate Count (SPC)	< 1,000 cfu per g	GB 4789.2
Yeast and Mould	< 10 cfu per g	GB 4789.15
Coliforms (MPN per g)	Absent	GB 4789.3 MPN
Coagulase positive Staphylococci	Not detected in 25g	GB 4789.10 Qualitative test
Bacillus cereus	< 30cfu/g	GB 4789.14
Salmonella	Not detected in 25g	GB 4789.4
Cronobacter Sakazakii	Not detected in 100g	GB 4789.40 Method I
Listeria monocytogenes	Absent in 25g	GB 4789.30/ AS 5013

STATEMENT OF INGREDIENTS

Derived from **Skim Milk**, with no preservatives

DIRECTIONS FOR USE

Intended to be used as an ingredient.

STORAGE CONDITIONS

Product is to be stored at ambient conditions. Optimum conditions are less than 25°C and 55% Relative Humidity

CHARACTERISING INGREDIENTS / COMPONENTS

N/A

CERTIFICATIONS

- Halal certifiable

NUTRITION INFORMATION (Per 100g)

Nutrient	Quantity (per 100 g product)
Energy (kJ)	1674
Protein (N X 6.38) as is	> 96
Lactoferrin (% of Protein)	> 95
Fat, Total (g)	0.1
– Saturated (g)	0
Carbohydrate (g)	0.23
– Sugars (g)	0

*Note: Nutritional values are approximate and calculated from supplier data. Subject to seasonal variation.

PACKAGING

- The inner pack is an aluminium foil sachet with a high integrity polyethylene inner
- A fibreboard carton will further protect this high-value product in transit
- Net Weight: 5.0 kg
- Gross Weight: 5.74 kg
- Typical Packaging Dimension: 39.0 x 35.0 x 21.2 cm

SHELF LIFE

Maximum 36 months in an unopened container at an ambient temperature.

COUNTRY OF ORIGIN

Made in Australia.

Establishment: 3549

FOR MORE INFORMATION, CONTACT:

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