



Nutraceuticals Group USA 8404 Sunstate Street Tampa, FL 33634, USA Tel: +813-461-7500 sales@nutraceuticalgroup.com nutraceuticalsgroup.com	Nutraceuticals Group UK The Old Smithy, 7 High Street, Merstham, Surrey, RH1 3BA, UK Tel: +44-203-696-2780 sales@nutraceuticalsgroup.com nutraceuticalsgroup.com	Nutraceuticals Group DE Hagener Hauptstraße 8, 21684 Stade, DE Tel: +49 4162 7023697 sales.de@nutraceuticalsgroup.com nutraceuticalsgroup.com
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Product Master Specification

Item Name	Lactoferrin 90% Freeze Dried LFD-90A (Allergen - Milk)
Product Code	NIGEPRT000809
Product Type	Proteins
Issue Date	23-Oct-2026
Version	V01
QA Status	Final Approved
Intended use	Food use
Test	Specification
Organoleptic	
Appearance	Salmon Pink powder
Odour and Taste	Odourless and tasteless
Characteristics	
Parts Used	extract from milk/whey
Irradiation	Free
GMO	Free
BSE/TSE	Free
Product Specific Test	
Protein in DM (N x 6.38)	>95%
Lactoferrin % of Protein	>90%
Physical/Chemical	
Particle Size	d(0.1) 1 - 10-30um d(0.5) 1 - 30-70um d(0.9) 1 - 80-150um
Solubility	Soluble 2% 20 °C
Moisture	≤ 5.0 %
Ash	< 4.5 %
pH	5.0-8.6
Heavy Metals	
Heavy Metals Total	≤ 10.00 ppm
Lead (Pb)	≤ 3.00 ppm
Arsenic (As)	≤ 2.00 ppm
Cadmium (Cd)	≤ 1.00 ppm
Mercury (Hg)	≤ 0.10 ppm
Iron (Fe)	<350mg/kg

Microbiological	
Total Plate Count	≤ 1000 CFU/g
Yeast	≤ 10CFU/g
Mould	≤ 10 CFU/g
Coliforms	<3MPN/g
Salmonella	negative/50g
Staphylococcus aureus	<10cfu/g
Listeria	negative/25g
Bacillus cereus	<50cfu/g
Storage & Handling	
Storage	Store in a clean, cool, dry place at 5 - 25°C. Protect from humidity (RH < 60) and sunlight.
Preparation and/or handling before use or processing	Please ask our QA department for detailed instructions
Transportation	Transportation suitable for dried food powders
Packaging	All packaging meets EU regulations
Shelf Life	4 years from manufacture if stored according to conditions above
Approved by	Quality Department
Signed By	Shazia Gale
Disclaimer	All batches are fully in line with all requirements of the agreed specifications as standard, however not all parameters are tested per batch all of the time. Nutraceuticals Group guarantee all batches.
Template Version	NGEMNSPEC202408a
Nutritional (Typical) / 100g	
General Information	Please note this is a guide only from analytical data from labs or the manufacturer of the product. Nutraceuticals accept no responsibility for any inaccuracies in the data. We strongly suggest if using this data for labelling / pack artwork you analyse your finished product to verify nutritional data.
Energy	1513kj
Energy	356 kcal
Protein	89g
Available Carbohydrate	0.0g
of which Sugars	0.0g
Total fat	0.0g
of which Saturates	0.0g
Salt	0.1g