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Product Master Specification

Item Name	**Lactoferrin Spray Dried LF95SD (Allergen - Milk)**
Product Code	NIGEPRT1002354
Product Type	Proteins
Issue Date	**02-Nov-2026**
Version	**V01**
QA Status	Final Approved
Intended use	Food use
Test	Specification
Organoleptic	
Appearance	Light pink to neutral fine powder
Odour and Taste	Characteristic
Description	Bioactive proteins from bovine milk
Characteristics	
Assay	≥ 95 Lactoferrin (% on proteins)
Irradiation	Free
GMO	Free
BSE/TSE	Free
Product Specific Test	
Iron Saturation	10 - 20 %
Physical/Chemical	
Moisture	≤ 5.00 % w/w
Ash	≤ 2.00 % w/w
pH	5.5 - 7.5 (2% in water)
Heavy Metals	
Lead (Pb)	≤ 0.02 ppm
Arsenic (As)	≤ 0.50 ppm
Cadmium (Cd)	≤ 0.50 ppm
Mercury (Hg)	≤ 0.10 ppm
Microbiological	
Total Plate Count	< 1000 CFU/g
Yeast and Mould	< 50 CFU/g
Coliforms	< 10 CFU/g
Enterobacteriacae	< 10 CFU/g

Escherichia coli (E. coli)	Negative/g
Salmonella	Negative/25g
Staphylococcus aureus	Negative/g
Aflatoxin M1	< 0.05 ppb
Melamine	< 2 pg/g
Impurities & Solvent Residues	
Inhibitory Substances	Negative
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	2 years from manufacture if stored according to conditions above
Approved by	Quality Department
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.
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