



# Trafa Pharmaceutical Inc.

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## SPECIFICATION SHEET

Product Name	<b>Lactoferrin Powder 95%</b>
Source	Bovine
Sterilization Method	Non-IRR
GMO Status	Free
BSE/TSE	Free
Allergen	The products contain allergen by Milk

### TESTS SPECIFICATION TEST PROTOCOL

#### ASSAY

Total proteins	≥ 93%	N* 6.38 (Kjeldahl)
Lactoferrin out of protein	≥ 95%	HPLC
Iron saturation	< 25%	Internal method

#### PHYSICAL CONTROL

Appearance	Cream powder	Visual
Odor & taste	Characteristic	Organoleptic
Identification	Positive	USP
pH	5-7	Potenciometry
solubility	Good	Internal Method

#### CHEMICAL CONTROL

Heavy Metals	≤10ppm	USP
Lead (Pb)	≤1ppm	ICP-MS
Arsenic (As)	≤1ppm	ICP-MS
Cadmium (Cd)	≤0.05ppm	ICP-MS
Mercury (Hg)	≤0.05ppm	ICP-MS
Pesticides Residue	Meet Eur.ph. 9.0 <5,4 > and EC European Directive 2008/839	Eur.Ph.9.0<2.4.24>
Solvents Residue	Meet Eur.ph.9.0 <5,4> and E.D.2009/32/EC	Eur.Ph.9.0<2.4.24>
Mesh Size	80 mesh	Mesh Screen

#### MICROBIOLOGICAL CONTROL

Total plate Count	≤1000cfu/g	USP39 <61>
Yeast & Mold	<10cfu/g	USP39 <61>
Colifroms	≤ 3 cfu/g	USP39 <61>
Salmonella	Negative	USP39 <61>
E.Coli	Negative	USP39 <61>
Aflatoxins M1	Immunoaffinity	-
Antibiotics	Inhibitory test	-
Salmonella	Negative/25g	USP39 <61>

**STORAGE:** Store in a well-sealed container away from direct sunlight and moisture.

Note: The above information is based on the certificate of analysis received from the manufacturer of this product and not intended as a substitute for strict quality control analysis by the purchaser of this product.

Reviewed by :\_

Abdullah Malik (QA)