

Product	Ovotransferrin 15% HOLO		
Batch #	OT01524001	Manufacturing date	18.10.2024
Shelf-life	10.2027	Storage	Room temperature
Analysis Nr	34/24 AI		

Test	Specifications	Results
Physical-Chemical properties		
Appearance	Light pink powder	Conform
Odour	Odourless	Conform
Solubility (Transmittance @ 750nm): - 2% water solution	NLT 85%	98%
pH (2% w/v water solution)	7.5 – 9.0	8.1
Loss on drying	NMT 8.0%	6.1%
Residue on ignition	NMT 4.0%	2.2%
Arsenic	NMT 1 ppm	< 1 ppm
Lead	NMT 1 ppm	< 1 ppm
Mercury	NMT 1 ppm	< 1 ppm
Assay on anhydrous basis		
HPLC assay	≥ 90%	95%
Iron content	180 – 210 ppm	192 ppm
Microbiological properties		
Total Aerobic Microbial Count	≤ 10 ⁴ cfu/g	2100
Total Yeast & Mould	≤ 10 ² cfu/g	< 10
<i>Enterobacteriaceae</i>	≤ 10 cfu/g	< 10
<i>Salmonella</i>	Absent/25g	Not detected
<i>Escherichia coli</i>	Absent/25 g	Not detected
<i>Staphylococcus aureus</i>	Absent/25 g	Not detected

Abbreviations:

NLT: Not Less Than

NMT: Not More Than

cfu : colony forming unit

Notes: For research use only. Not intended for clinical use
Analysed by/date QC – Alessandro Calizzi

Approved by/date R&D Director Paride Grisenti