

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

Test	Specifications	Results
<b>Physical-Chemical properties</b>		
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
<b>Assay on anhydrous basis</b>		
HPLC assay	≥ 90%	95%
Iron content	180 – 210 ppm	192 ppm
<b>Microbiological properties</b>		
Total Aerobic Microbial Count	≤ 10 <sup>4</sup> cfu/g	2100
Total Yeast & Mould	≤ 10 <sup>2</sup> 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