

CERTIFICATE OF ANALYSIS

Conalbumin

Synonyms	Ovotransferrin ; OT90
Source	Hen's egg-white
CAS #	1391-06-6
Article code	501P2001O9H
Lot #	1006OT9020
Production date	April 28 th , 2021
Heat treatment date	May 17 th , 2021
Expiry date	May 17 th , 2022
Packaging	20 Kg in laminated aluminium primary packaging
Storage	In original closed packaging at ambient warehouse conditions

Description	Specifications	Actual
Appearance	Off-white powder	Conform
Assay and activity	Specifications	Actual
Spectrophotometric iron binding test	Abs. increase by iron binding at 465nm	Conform
Iron Binding Capacity	≥ 1200 µg Fe ³⁺ /g	1268 µg Fe ³⁺ /g
Purity of Ovotransferrin	≥ 90 %	101.8 %
Free Ovotransferrin (o.a.b)	For information only	95.6 %
Total Ovotransferrin (o.a.b)	For information only	98.6 %
Iron saturation Ovotransferrin	For information only	3.0 %
Physical-chemical properties	Specifications	Actual
pH of 2% solution	8.0-9.0	8.8
Loss on drying	≤ 10.0 %	6.1 %
Residue on ignition	≤ 4.0 %	1.0 %
Chloride content in Ovotransferrin	≤ 2.0 %	0.1 %
Microbiological properties	Specifications	Actual
TAMC	≤ 10 ³ cfu/g	<10 ³ cfu/g
TYMC	≤ 10 ² cfu/g	<10 ¹ cfu/g
Enterobacteriaceae	≤ 10 ² cfu/g	<10 ¹ cfu/g
Salmonellae	Absent in 10 g	Absent
Staphylococcus aureus	Absent in 1 g	Absent
Escherichia coli	Absent in 1 g	Absent

DATE OF APPROVAL: May 31, 2021

Quality Assurance



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