

## CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by TUV SUD America Inc.  
Certificate Number. 951001163

Catalogue Number	J64100
Lot Number	U05L022
Description	Albumin, Bovine, Fraction V, 98%, Reagent Grade, pH 7.0
CAS Number	9048-46-8
Quality Test/Release Date	08/Aug/2025
Suggested retest date	08/Aug/2028
Country of Origin	United States
Declaration of Origin	Animal
BSE/TSE	Bovine plasma

Result Name	Units	Specifications	Test Value
Assay (special)	%	≥98.0%: Protein (Dry basis) - determined by Nitrogen Analysis	101.0
Assay (special)		BigG: None Detected - determined by Turbidimetric Analysis	None detected
Assay (special)	EU/mg	Endotoxin: ≤1 EU/mg - determined by LAL	<0.1
Assay (special)	%	Non-esterified Fatty Acid (NEFA): Enzymatic Assay	0.001
Comment	CFU/g	Total Microbial Count: ≤500 CFU/g	1
Appearance (Color)		White to yellow with tan to green cast	White
Form		Lyophilized powder	Lyophilized powder
Residue on ignition	%	<2% (Ash)	0.9
Moisture	%	≤5.0% - determined by Loss on drying	0.4
Heavy Metals (as Pb)	ppm	≤10ppm - determined by ICP	<0.50
pH		6.5 to 7.5 (10% solution in water)	7.1
Protease		None Detected (<0.001 Units/mg) - determined by Enzymatic Assay	None detected
Purity	%	≥98.0% - determined by Agarose Gel Electrophoresis	100.0
Solubility		Clear to slightly hazy faint yellow to yellow-green solution (visual inspection, 4% in water)	Passes Test



Derek Roy  
Quality Manager, LCD

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third-party data or information associated with the product. Products are for research and development use only. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of the catalogue number listed above.

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