

Certificate of Analysis

Product Name : Albumin, Ultra pure , Bovine Serum Albumin (IgG, Fatty acid and Protease Free)

Cat No : A0100	Lot No 03292423
Expiration Date : Apr. 2027	Country of Raw Material Origin : United States
Lyophilized	Country of Final Processing : United States
Store at 2 to 8°C in the dark	

TEST	Method	Specification	Result
Appearance	Visual Inspection	White to yellow with tan	PASS
Solubility	Visual Inspection	Clear to slightly hazy faint yellow	PASS
Protein (db)	Nitrogen Analysis	≥ 98 %	99.9 %
Purity	Agarose Gel Electrophoresis	≥ 98 %	99.2 %
Moisture	Loss and Drying	≤ 5.0 %	0.7 %
pH	10% solution in water	6.5 to 7.5	6.8
Ash	Residue on Ignition	≤ 2 %	0.8 %
NEFA	Enzymatic Assay	≤ 0.01 %	≤ 0.002 %
Protease	Enzymatic Assay	≤ 0.005 Units/mg	≤ 0.001 Units/mg
Bovine IgG	Turbidimetric Analysis	None Detected	None Detected
Endotoxin	LAL	≤ 3 EU/mg	≤ 0.1 EU/mg
Heavy Metals (Pb)	ICP	≤ 10 ppm	≤ 0.5 ppm

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