

Certificate of Analysis

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

Cat No : A0100

Lot No : 11161820

Expiration Date : Jan. 2021

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	$\geq 98 \%$	99.8 %
Purity	Agarose Gel Electrophoresis	$\geq 98 \%$	99.5 %
Moisture	Loss and Drying	$\leq 5.0 \%$	0.5 %
pH	10% solution in water	6.5 to 7.5	7.0
Ash	Residue on Ignition	$\leq 2 \%$	0.5 %
NEFA	Enzymatic Assay	$\leq 0.01 \%$	$\leq 0.001 \%$
Protease	Enzymatic Assay	≤ 0.005 Units/mg	≤ 0.005 Units/mg
BlgG	Turbidimetric Analysis	None Detected	None Detected
Endotoxin	LAL	≤ 3 EU/mg	≤ 0.1 EU/mg
Heavy Metals (Pb)	ICP	≤ 10 ppm	≤ 0.50 ppm

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