

Certificate of Analysis

Date Prepared: July 28, 2020
 Date of Manufacture: June 22, 2020
 Product Description: **Bovine Serum Albumin**
Reagent Grade, Fatty Acid Free
Lyophilized Powder
 For Research or Further Manufacturing Use Only

Lot #: BB01740101
 SKU #: **68700**

Analysis:

<u>Analyte</u>	<u>Specification</u>	<u>Result</u>	<u>Method</u>
Appearance	White to yellow with tan to green cast powder	Pass	Visual Inspection
Solubility	Clear to slightly hazy faint yellow to yellow-green solution	Pass	Visual Inspection, 4% in water
Protein (db)	≥ 98.0%	101.1%	Nitrogen Analysis
Purity	≥ 98%	100%	Agarose Gel Electrophoresis
Moisture	≤ 5.0%	0.8%	Loss on Drying
pH	6.5 to 7.5	6.9	10% solution in water
Ash	< 2%	0.5%	Residue on Ignition
NEFA	< 0.01%	< 0.001%	Enzymatic Assay
Protease	≤ 0.005 Units/mg	< 0.005 Units/mg	Enzymatic Assay
BlgG	None Detected	None Detected	Turbidimetric Analysis
Endotoxin	≤ 3 EU/mg	< 0.1 EU/mg	LAL
Heavy Metals (Pb)	≤ 10 ppm	< 0.47 ppm	ICP



Jodie Sample
 QA & QC Manager