

Certificate of Analysis

Date Prepared: November 5, 2019
 Date of Manufacture: October 1, 2019
 Product Description: **Bovine Serum Albumin
 Standard Grade pH 5.2
 Lyophilized Powder**
 For Research or Further Manufacturing Use Only
 Lot #: BB92740101
 SKU #: **68500**

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)	≥ 96.0%	97.7%	Nitrogen Analysis
Purity	≥ 96%	100%	Agarose Gel Electrophoresis
Moisture	≤ 5.0%	1.3%	Loss on Drying
pH	5.0 to 5.6	5.1	10% solution in water
Ash	< 3%	1.8%	Residue on Ignition
Protease	For Information Only	< 0.005 Units/mg	Enzymatic Assay
BlgG	None Detected	None Detected	Turbidimetric Analysis
Endotoxin	For Information Only	< 0.1 EU/mg	LAL
Heavy Metals (Pb)	For Information Only	< 0.49 ppm	ICP


Jodie Sample
 QA & QC Manager