

## Certificate of Analysis

Date Prepared: January 28, 2020  
Date of Manufacture: January 7, 2020  
Product Description: **Bovine Serum Albumin  
Standard Grade pH 7.0  
Lyophilized Powder**  
For Research or Further Manufacturing Use Only  
Lot #: BB00070101  
SKU #: **68100**

**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%	99.5%	Nitrogen Analysis
Purity	≥ 98%	100%	Agarose Gel Electrophoresis
Moisture	≤ 5.0%	0.5%	Loss on Drying
pH	6.5 to 7.5	7.0	10% solution in water
Ash	< 2%	1.5%	Residue on Ignition
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	< 0.48 ppm	ICP

  
**Jodie Sample**  
QA & QC Manager