



## CERTIFICATE OF ANALYSIS

### Bovine Serum Albumin (BSA)

### Fraction V - Serum Replacement Grade

### Powder

### (Catalog Number 700-104P)

Lot Number: C021006

Date of Manufacture: Mar2021

Product Expiry: Aug2023

Origin: US

Storage Temperature: 2°C to 8°C

For Cell culture, Further Manufacturing or Research use Only. Not for Direct Therapeutic Use.

Test	Methodology	Specification	Analysis
<b>Biological Testing</b>			
Endotoxin	LAL	≤ 2 EU/mg	<0.1 EU/mg
<b>Microbiological Testing</b>			
Microbial Growth	AOAC 966.23, Aerobic Plate Count	≤3 cfu/mL OR ≤1,000 cfu/g	<10 cfu/g
Mycoplasma		Not Detected	Not Detected
<b>Viral Testing</b>			
	9CFR 113.53c [113.46, 113.47]		
Cytopathic Agents		Test and Report	Negative
Hemadsorbing Agents		Test and Report	Negative
Vesicular Stomatitis Virus		Test and Report	Negative
Extraneous Viruses (FAB)		Test and Report	Negative
Bluetongue Virus		Test and Report	Negative
Bovine Adenovirus		Test and Report	Negative
Bovine Parvovirus		Test and Report	Negative
Bovine Viral Diarrhea		Test and Report	Negative
Bovine Syncytial Virus		Test and Report	Negative
Bovine Rabies Virus		Test and Report	Negative
Reovirus		Test and Report	Negative
<b>Physical Testing</b>			
pH, 10% Solution		6.9-7.2	7.0
Conductivity, 10% Solution		4855 μS/cm	1097 μS/cm
OR Ash		<2%	
Purity	Agarose Gel Electrophoresis	≥98%	100%
Total Fatty Acids	GC	Test and Report	0.0097 g/g
IgG	Turbidimetric Analysis	≤0.01μg/mg	Not Detected



**GeminiBio**

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The testing that has been performed as a part of this lot release has been reviewed by Quality Assurance personnel. It was confirmed that the testing meets the specifications presented on this Certificate of Analysis.

*Chebi Bhatt*

Name

*QC Associate*

Title

*12 JUL 2021*

Date