



**CERTIFICATE OF ANALYSIS**  
**Bovine Serum Albumin (BSA)**  
**Fraction V - Serum Replacement Grade**  
**Powder**  
**(Catalog Number 700-104P)**

Lot Number: C423030

Date of Manufacture: Sep2022

Product Expiry: Sep2027

Origin: United States

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	Aerobic Plate Count	≤3 cfu/mL OR ≤1,000 cfu/g	<10 cfu/g
Mycoplasma	Culture	Not Detected	Not Detected
<b>Viral Testing</b>	9CFR 113.53c [113.46, 113.47]		
Cytopathic Agents		Test and Report	Not Detected
Hemadsorbing Agents		Test and Report	Not Detected
Vesicular Stomatitis Virus		Test and Report	Not Detected
Extraneous Viruses (FAB)		Test and Report	Not Detected
Bluetongue Virus		Test and Report	Not Detected
Bovine Adenovirus		Test and Report	Not Detected
Bovine Parvovirus		Test and Report	Not Detected
Bovine Viral Diarrhea		Test and Report	Not Detected
Bovine Syncytial Virus		Test and Report	Not Detected
Bovine Rabies Virus		Test and Report	Not Detected
Reovirus		Test and Report	Not Detected
<b>Physical Testing</b>			
pH, 10% Solution		6.9-7.2	6.9
Ash	Residue on Ignition	<2%	1.2%
Purity	Agarose Gel Electrophoresis	≥98%	100.0%
Total Fatty Acids	Gas Chromatography	Test and Report	0.009 g/g
IgG	Turbidimetric Analysis	≤0.01µg/mg	≤0.01µg/mg



**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.

Korrina Nicewonger

Name

QC Associate II

Title

31 OCT 2023

Date