



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

**Lot Number:** C62J00L

**Date of Manufacture:** SEP2020

**Origin:** New Zealand

**Product Expiry:** JAN2022

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

**Storage Temperature:** 2°C to 8°C

**Product description:** Bovine Serum Albumin (BSA) Fraction V-Serum Replacement Grade is sterile-filtered through a 0.2 µm filter before lyophilizing.

Test	Methodology	Specification	Analysis
<b>Biological Testing</b>			
Endotoxin		≤ 2.0 EU/mg	<0.01EU/mg
<b>Microbiological Testing</b>			
Microbial Growth		≤100 MPN/g	< 3 MPN/g
Mycoplasma		Not Detected	Not Detected
<b>Viral Testing</b>	9CFR 113.53c[113.46, 113.47]		
Cytopathic Agents		Tested	Not Detected
Hemadsorbing Agents		Tested	Not Detected
Extraneous Viruses (FAB)		Tested	Not Detected
Bluetongue Virus		Tested	Not Detected
Bovine Adenovirus		Tested	Not Detected
Bovine Parvovirus		Tested	Not Detected
Bovine Viral Diarrhea		Tested	Not Detected
Bovine Syncytial Virus		Tested	Not Detected
Bovine Rabies Virus		Tested	Not Detected
Reovirus		Tested	Not Detected
<b>Physical Testing</b>			
pH @ RT	USP<791>	6.9-7.2	6.9
Ash		<2%	1.2%
<b>Purity</b>	HPLC	≥98%	100.0%
Total Fatty Acids		Test and Report	5.98 mEq/L
IgG		≤0.01µg/mg	Complies



This material was prepared from bovine plasma obtained from cattle of less than 30 months of age and that have received ante- and post- mortem health inspections from APHIS Inspectors within facilities inspected by the USDA.

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

Megha Khayasi  
Name

QA Associate III  
Title

11 NOV 2020  
Date