



GEMINI
BIO-PRODUCTS

Certificate of Analysis

Revised February 25, 2022

Product: **Bovine Serum Albumin (BSA)**
Fraction V—Protease Free
Powder

Catalog #: 700-101P
Lot #: C20J09K
Origin: United States (100%)

Manufacture Date: Jul 2019
Expiration Date: Jul 2022

TEST	METHODOLOGY	SPECIFICATION	RESULTS
Microbiological Testing			
Microbial Growth		≤3 cfu/mL	No Growth
Viral Testing			
Extraneous Viruses (FAb)			
Bluetongue Virus		Negative	Negative
Vesicular Stomatitis Virus		Negative	Negative
Physical Testing			
pH @ RT, 10% Solution		6.7-7.3	7.1
Conductivity, 10% Solution		≤3,000 μS	825 μS
Biochemical Testing			
Purity	HPLC	≥98%	100%
Protease		Not detected	Not detected
IgG		Below detectable limits	Below detectable limits

Filtered through a 0.2 μm filter before lyophilizing

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.

Jeorguine Wilson 25 FEB 2022 *[Signature]* 25 FEB 2022
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