



# Certificate of Analysis

Created December 29, 2016

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

**Catalog #: 700-101P**  
**Lot #: C03H09H**  
**Origin: United States (100%)**

**Manufacture Date: May 2016**  
**Expiration Date: Jun 2019**

TEST	METHODOLOGY	SPECIFICATION	RESULTS
<b>Microbiological Testing</b>			
Microbial Growth		≤3 cfu/mL	No Growth
<b>Viral Testing</b>			
Extraneous Viruses (FAb)			
Bluetongue Virus		Negative	Negative
Vesicular Stomatitis Virus		Negative	Negative
<b>Physical Testing</b>			
pH @ RT, 10% Solution		6.7-7.3	6.8
Conductivity, 10% Solution		≤3,000 μS	1050 μS
<b>Biochemical Testing</b>			
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.

Quality Assurance