



**GEMINI**  
BIO-PRODUCTS

# Certificate of Analysis

Created January 31, 2022

**Product:**

**Bovine Serum Albumin (BSA)**  
**Fraction V—Low Electrolyte**  
Powder

**Catalog #: 700-109P**

**Lot #: C121029**

**Origin: United States (100%)**

**Manufacture Date: Aug 2021**

**Expiration Date: Aug 2024**

TEST	METHODOLOGY	SPECIFICATION	RESULTS
<b>Microbiological Testing</b>			
Microbial Growth	AOAC 966.23, Aerobic Plate Count	≤1000 cfu/g	<10 cfu/g
<b>Viral Testing</b>			
Modified 9 CFR 113.53c			
<b>Extraneous Viruses (FA)</b>			
Bluetongue Virus		Not Detected	Not Detected
Vesicular Stomatitis Virus		Not Detected	Not Detected
<b>Physical Testing</b>			
pH	10% Solution in water	5.0 - 5.6	5.1
Ash	Residue on Ignition	< 3%	1.1%
<b>Biochemical Testing</b>			
Purity	Agarose Gel Electrophoresis	≥96%	100%

*For Cell Culture, further Manufacturing and Research use only. Not for direct Therapeutic use.*

Hayot Bain 31 JAN 2022  
Created by/ date

[Signature] 31 JAN 2022  
Verified by/ date