



Geminibio

CERTIFICATE OF ANALYSIS

Bovine Serum Albumin (BSA)

Fraction V - Serum Replacement Grade

Powder

(Catalog Number 700-104P)

Lot Number: C425024

Date of Manufacture: May2025

Product Expiry: May2029

Origin: United States

Storage Temperature: 2°C - 8°C

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

| Test | Methodology | Specification | Analysis |
|--------------------------------|-------------------------------|---------------------------|--------------|
| Biological Testing | | | |
| Endotoxin | | ≤2 EU/mg | < 0.1 EU/mg |
| Microbiological Testing | | | |
| Microbial Growth | | ≤3 cfu/mL OR ≤1,000 cfu/g | < 1 CFU/g |
| Mycoplasma | | Not Detected | Not Detected |
| Viral Testing | 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 |
| Physical Testing | | | |
| pH, 10% Solution | | 6.9-7.2 | 7.1 |
| Ash | | <2% | 1.6% |
| Purity | | ≥98% | 100.0% |
| Total Fatty Acids | | Test and Report | 0.012 g/g |
| IgG | | ≤0.01 µg/mg | Not Detected |

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.

Name Megha Khaleji

Date 21 May 2025

Title QA Manager