

Certificate of Analysis

PRODUCT: Bovine Serum Albumin, Cohn Fraction V, pH 5.2
CODE NO: 27002
LOT NO: 18947
DATE OF MANUFACTURE: July 8, 2025
ORIGIN: USA
HEALTHY ANIMAL STATEMENT: This product is made from raw materials that were collected from animals found free from obvious signs of infectious and contagious disease.
EU REQUIREMENTS: Product meets European Union requirements for production of technical blood products: pH is lowered to ≤ 5 for a minimum of 2 hours.

STORAGE: 2-8 °C

DESCRIPTION: The 66 kDa albumin protein is isolated from bovine serum using the cold alcohol precipitation method developed by Cohn.

APPEARANCE: White to tan powder.

ASSAYS:

Required Assays	Specification	Result
Solubility, 40 mg/mL in water	Clear to slightly hazy colorless to faint yellow solution	Pass
Moisture (loss on drying)	$\leq 5\%$	2.2%
Nitrogen	14.5 - 16.5%	15.1%
Purity (Serum Protein Electrophoresis)	$\geq 96\%$	>99%
pH, 1% in water	5.0 – 5.6	5.3
UV/VIS absorbance, 406nm, 4% w/v	≤ 0.5	0.16
VSV Indiana Virus Testing	None Detected	Pass
VSV New Jersey Virus Testing	None Detected	Pass
Bluetongue Virus Testing	None Detected	Pass
Inactivation	pH not more than 5.0 for at least 2 hours	Pass

QUALITY ASSURANCE

Quality Control Release Date:

July 29, 2025



Kendra Graham
Quality Systems Lead

Results pending ☐

Meets or exceeds specifications ☒

Does not meet specifications ☐

Product in development ☐

SUITABLE FOR FURTHER MANUFACTURE OR RESEARCH PURPOSES