

Certificate of Analysis

PRODUCT: Bovine Serum Albumin, Cohn Fraction V, Low Endotoxin

CODE NO: 27006

LOT NO: 06447

**DATE OF
MANUFACTURE:** March 5, 2025

STORAGE: 2-8 °C

ORIGIN: U.S.A.

**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.

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%
	Nitrogen	14.5 - 16.5%	15.2%
	Purity (Serum Protein Electrophoresis)	$\geq 96\%$	100%
	pH, 1% in water	4.8 - 7.2	5.9
	UV/VIS absorbance, 406nm, 4% w/v	≤ 0.5	0.15
	Endotoxin	≤ 1 EU/mg protein	0.901EU/mg protein
	VSV Indiana Virus Testing	None Detected	Pass
	VSV New Jersey Virus Testing	None Detected	Pass
	Bluetongue Virus Testing	None Detected	Pass
	9CFR	None Detected	Pass
	Inactivation	pH not more than 5.0 for at least 2 hours	Pass

QUALITY ASSURANCE

Quality Control Release Date:

May 13, 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**