

Certificate of Analysis

PRODUCT: Bovine Serum Albumin, Cohn Fraction V, pH 7
CODE NO: 27003
LOT NO: 21347
DATE OF MANUFACTURE: July 23, 2025
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 yellow to beige powder.

STORAGE: 2-8 °C

ASSAYS:

Required Assays	Specification	Result
Solubility, 40 mg/mL in water	Clear to slightly hazy faint yellow to yellow solution	Pass
Moisture (loss on drying)	$\leq 6\%$	1.8%
Nitrogen	14.5 - 16.5%	15.3%
Purity (Serum Protein Electrophoresis)	$\geq 96\%$	99%
pH, 1% in water	6.5 – 7.5	6.5
UV/VIS absorbance, 406nm, 4% w/v	≤ 0.5	0.2
VSV Indiana Virus Testing	None Detected	Pass
VSV New Jersey Virus Testing	None Detected	Pass
Bluetongue Virus Testing	None Detected	Pass
BVDV	None Detected	Pass
Inactivation	pH not more than 5.0 for at least 2 hours	Pass

QUALITY ASSURANCE

Quality Control Release Date: August 20, 2025



Kendra Graham
Quality Systems Lead

Results pending ☐

Meets or exceeds specifications ☒

Does not meet specifications ☐

SUITABLE FOR FURTHER MANUFACTURE OR RESEARCH PURPOSES