

Certificate of Analysis

PRODUCT: Bovine Serum Albumin, Cohn Fraction V, pH 7
CODE NO: 27003
LOT NO: 05747
DATE OF MANUFACTURE: February 26, 2025
ORIGIN: USA

STORAGE: 2-8 °C

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.

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)	$\leq 6\%$	2.6%
Nitrogen	14.5 - 16.5%	14.8%
Purity (Serum Protein Electrophoresis)	$\geq 96\%$	>99%
pH, 1% in water	6.5 – 7.5	6.9
UV/VIS absorbance, 406nm, 4% w/v	≤ 0.5	0.105
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:

June 13, 2025



Kendra Graham
Quality Systems Lead

Meets or exceeds specifications ☒

Does not meet specifications ☐

SUITABLE FOR FURTHER MANUFACTURE OR RESEARCH PURPOSES