

Certificate of Analysis

PRODUCT: Bovine Serum Albumin, Cohn Fraction V, pH 7
CODE NO: 27003
LOT NO: 16147
DATE OF MANUFACTURE: June 10, 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)	$\leq 6\%$	2.7%
Nitrogen	14.5 - 16.5%	14.8%
Purity (Serum Protein Electrophoresis)	$\geq 96\%$	>99%
pH, 1% in water	6.5 – 7.5	7.0
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 2, 2025

Kendra Graham
Quality Systems Lead**Results pending** ☐**Meets or exceeds specifications** ☒**Does not meet specifications** ☐**SUITABLE FOR FURTHER MANUFACTURE OR RESEARCH PURPOSES**