

Certificate of Analysis**PRODUCT:** Bovine Fibrinogen**CODE NO:** 27030**LOT NO:** 01046**STORAGE:** 2-8 °C**DATE OF
MANUFACTURE:** January 10, 2024**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 untreated technical blood products (Chapter 4C).

DESCRIPTION: Fibrinogen is purified from bovine plasma.**APPEARANCE:** White to tan powder.

ASSAYS:	Required Assays	Specification	Result
	Appearance	White to off-white or light pink powder	Pass
	Bioburden	≤ 700 CFU/g	Pass
	pH (4% solution)	5.0 – 7.0	6.7
	Total Protein (by A280 and extinction coefficient)	70 - 95%	72%
	Clottable protein	≥ 75%	97%
	Solubility (20 mg/mL 0.9% saline)	Freely soluble in water Colorless to faint yellow with slight hazy to very hazy	Pass
	Moisture (%)	< 10%	1.7%

QUALITY ASSURANCE

Quality Control Release Date: August 5, 2025

Results pending ☐Meets or exceeds specifications ☒Does not meet specifications ☐Product in development ☐**SUITABLE FOR FURTHER MANUFACTURE OR RESEARCH PURPOSES**