

Certificate of Analysis

PRODUCT: Horse Serum, Donor Herd, Non-Hemolyzed, Sterile, Heat Inactivated**CODE NO:** 39328**LOT NO:** 05847**DATE OF
MANUFACTURE:** 05Feb2025
ORIGIN: U.S.A.
EU**STORAGE:** At or below -10 °C**REQUIREMENTS:** Product meets European Union requirements for production of technical blood (Equidae) untreated product. Product is derived from blood collected in the USA at facility number MO-TEC-0001.**PROCEDURE:** Blood is aseptically collected from the donor herd horses in a USDA inspected facility, (maintained on antibiotic-free diets and controlled under the observation of qualified professional personnel) using a closed system method in a designated bleeding lab. The blood is refrigerated within 8 hours of collection, and processed within 48 hours, prior to storage at -10°C or below. The serum is thawed and passed through a 0.22-micron filter, bottled, and frozen. The sterile serum is later thawed, heat inactivated at 56°C for 30 minutes, and returned to -20°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.**APPEARANCE:** Straw color

ASSAYS:	Required Assays	Specification	Result
	Total Protein:	≥ 6.0 g/dL	6.5 g/dL
	Hemoglobin:	≤ 10.00 mg/dL	0.384 mg/dL
	pH:	6.5 – 8.5	7.9

*Sterility was not compromised during heat inactivation process.***QUALITY ASSURANCE**

Quality Control Release Date: March 7, 2025

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