

Certificate of Analysis

PRODUCT: Horse Serum, Donor Herd, Non-hemolyzed, Non-Sterile**CODE NO:** 39324**LOT NO:** 20438**DATE OF
MANUFACTURE:** July 22, 2016**STORAGE:** At or below -10°C**ORIGIN:** U.S.A.**EU 142/2011:** AR TEC 0007**EU REQUIREMENTS:** Product meets EU requirements for production of technical blood products. Product is derived from blood collected at MO-TEC-0001, United States.**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.**PROCEDURE:** Blood is aseptically collected from the donor herd horses, (maintained on Antibiotic-free diets and controlled under the observation of qualified professional personnel) using a closed system method in a USDA inspected facility. All animals are found free of contagious disease. The blood is refrigerated within 8 hours of collection and processed within 48 hours prior to freezing.**ASSAYS:**

Required Assays	Specification	Result
Total Protein	6.0 – 9.0 g/dL	6.6 g/dL
Hemoglobin	≤ 10 mg/dL	0.38 mg/dL
pH	7.0 – 8.5	8.0

QUALITY ASSURANCE

Quality Control Release Date: July 27, 2016

Sarah Graves
Quality Systems Technician**Meets or exceeds specifications** ☒**Does not meet specifications** ☐**SUITABLE FOR FURTHER MANUFACTURE OR RESEARCH PURPOSES**