

Certificate of Analysis

PRODUCT: Horse Serum, Donor Herd, Non-hemolyzed, Sterile**CODE NO:** 39321**LOT NO:** 14838**DATE OF
MANUFACTURE:** May 27, 2016**ORIGIN:** U.S.A.**STORAGE:** At -20 °C**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 and 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. Sterilization is achieved using a 0.22-micron filter.**ASSAYS:**

Required Assays	Specification	Result
Total Protein:	6.0 – 9.0 g/dL	6.6 g/dL
Hemoglobin:	≤ 10 mg/dL	4 mg/dL
pH:	7.0 – 8.5	7.9
Sterility:	No growth at 14 days.	Passed. No growth at 14 days.

QUALITY ASSURANCE

Quality Control Release Date: June 10, 2016

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