

Certificate of Analysis

PRODUCT: Horse Serum, Donor Herd, Non-hemolyzed, Sterile**CODE NO:** 39321**LOT NO:** 03637**DATE OF
MANUFACTURE:** February 5, 2015**ORIGIN:** U.S.A.**STORAGE:** -20 °C**EU REQUIREMENTS:** Product meets EU requirements for production of technical blood products. Product is derived from blood collected at MO-TEC-001, U.S.A.**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.**APPEARANCE:** Straw color**ASSAYS:**

Required Assays	Specification	Result
Total Protein:	6.0 – 9.0	6.51 g/dL
Hemoglobin:	≤ 10 mg/dL	0.38 mg/dL
pH:	7.0 – 8.5	7.76
Sterility:	No growth at 14 days	Passed. No growth at 14 days.

QUALITY ASSURANCE

Quality Control Release Date: February 25, 2015

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