

Certificate of Analysis

PRODUCT: Horse Serum, Donor Herd, Non-hemolyzed, Sterile

CODE NO: 39321

LOT NO: 29939

**DATE OF
MANUFACTURE:** October 26, 2017

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, USA.

**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 collected from the donor herd horses (maintained and controlled under the observation of qualified professional personnel) using a closed system method in a USDA inspected facility. 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 colored

ASSAYS:

Required Assays	Specification	Result
Total Protein:	6.0 – 9.0 g/dL	6.7 g/dL
Hemoglobin:	≤ 10 mg/dL	< 1 mg/dL
pH:	7.0 – 8.5	7.8
Sterility:	No growth at 14 days.	Passed. No growth at 14 days.

QUALITY ASSURANCE

Quality Control Release Date:

November 9, 2017



Sarah Graves
Quality Systems Technician

Meets or exceeds specifications ☒

Does not meet specifications ☐

SUITABLE FOR FURTHER MANUFACTURE OR RESEARCH PURPOSES