

## Certificate of Analysis

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

**CODE NO:** 39321

**LOT NO:** 10141

**DATE OF MANUFACTURE:** April 11, 2019

**ORIGIN:** U.S.A.

**STORAGE:** At -10 °C or below

**EU REQUIREMENTS:** Product meets EU requirements for production of technical blood products. Product is derived from blood collected at MO-TEC-0001,U.S.A.

**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. Sterilization is achieved using a 0.22-micron filter.

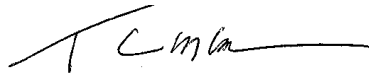
**APPEARANCE:** Straw colored

**ASSAYS:**

Required Assays	Specification	Result
Total Protein:	6.0 – 9.0 g/dL	6.1 g/dL
Hemoglobin:	≤ 10 mg/dL	<1 mg/dL
pH:	7.0 – 8.5	8.2
Sterility:	No growth at 14 days.	PASS

**QUALITY ASSURANCE**

Quality Control Release Date: May 8, 2019



Theresa Kwasny  
Quality Systems Manager

**Meets or exceeds specifications**

**Does not meet specifications**

**SUITABLE FOR FURTHER MANUFACTURE OR RESEARCH PURPOSES**