

Certificate of Analysis

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

CODE NO: 39321

LOT NO: 22041

**DATE OF
MANUFACTURE:** August 8, 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	7.0 g/dL
Hemoglobin:	≤ 10 mg/dL	0.4 mg/dL
pH:	7.0 – 8.5	8.1
Sterility:	No growth at 14 days.	Pass

QUALITY ASSURANCE

Quality Control Release Date: August 23, 2019



Doug Stocker
Quality Systems Technician

Meets or exceeds specifications

Does not meet specifications

SUITABLE FOR FURTHER MANUFACTURE OR RESEARCH PURPOSES