

## Certificate of Analysis

**PRODUCT:** Rabbit Serum, Sterile, Trace-Hemolyzed, Heat Inactivated**CODE NO:** 31121**CUSTOMER PART NO:** 12309**LOT NO:** 28440**DATE OF  
MANUFACTURE:** October 11, 2018**DATE OF EXPIRATION:** Ten years from date of receipt.**ORIGIN:** U.S.A.**STORAGE:** -10 °C or below**EU  
REQUIREMENTS:** Product meets EU requirements for production of technical blood products.**HEALTHY  
ANIMAL  
STATEMENT:** This product is made from raw materials that were collected from animals found free from obvious signs of infectious and contagious disease.**PROCEDURE:** Whole blood from young healthy rabbits (New Zealand White and/or California White, 8–12 weeks of age, either sex and fasted) is collected at the time of slaughter, processed within 6 hours and frozen. The serum is thawed, pooled, heat inactivated for 60 minutes at 56 °C, pre-filtered with a filter press, filtered with a 0.22µm filter, bottled, and frozen.**ASSAYS:**

| Required Assays | Specification         | Result                                               |
|-----------------|-----------------------|------------------------------------------------------|
| Total Protein   | 5.0 – 7.5 g/dL        | 5.9 g/dL                                             |
| Hemoglobin      | ≤ 45 mg/dL            | 20 mg/dL                                             |
| pH              | Report result         | 8.0                                                  |
| Sterility       | No growth at 14 days. | Passed. No growth at 14 days.                        |
| Bioburden       | Report result         | Heat tank: 0 cfu/plate<br>Pressure tank: 0 cfu/plate |
| Endotoxin       | ≤ 200 EU/mL           | 5 EU/mL                                              |
| Glucose         | ≥100 mg/dL            | 130 mg/dL                                            |

**QUALITY ASSURANCE**

Quality Control Release Date:

November 20, 2018

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