

## Certificate of Analysis

**PRODUCT:** Rabbit Serum, Sterile, Trace-Hemolyzed, Heat Inactivated**CODE NO:** 31121**CUSTOMER PART NO:** 12309**LOT NO:** 33637**DATE OF  
MANUFACTURE:** December 2, 2015**DATE OF EXPIRATION:** December 2, 2017**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, 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        | 5.75 g/dL                                                        |
| Hemoglobin      | ≤ 45 mg/dL            | 19.20 mg/dL                                                      |
| pH              | Report result         | 7.88                                                             |
| Sterility       | No growth at 14 days. | Passed. No growth at 14 days.                                    |
| Bioburden       | Report result         | Heat inactivation tank: 0 cfu/plate<br>Pressue tank: 2 cfu/plate |
| Endotoxin       | Report result         | 1.3 EU/mL                                                        |
| Glucose         | Report result         | 110 mg/dL                                                        |

**QUALITY ASSURANCE**

Quality Control Release Date:

December 16, 2015

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