

## Certificate of Analysis

**PRODUCT:** Rabbit Plasma Sterile Custom- [REDACTED]**CODE NO:** 31154**LOT NO:** 30737**DATE OF  
MANUFACTURE:** November 3, 2015**STORAGE:** 2-8 °C**ORIGIN:** U.S.A.**EU 142/2011:** AR TEC 0007

**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.

**EU  
REQUIREMENTS:** Product meets EU requirements for production of technical blood products.

**PROCEDURE:** Rabbit whole blood is collected from healthy young rabbits (New Zealand White, 8-12 weeks of age, mixed sex) at time of slaughter. The blood is combined at 25 ml 3.5% EDTA then QS to 250 ml with blood. The plasma is separated from the blood cellular components by centrifugation. The plasma is pooled, passed through a 0.22 micron filter, bottled, and stored at 2-8 °C prior to shipment on wet ice.

| ASSAYS: | Required Assays | Specification        | Result                                                                                                                                                                                                           |
|---------|-----------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | Total Protein:  | 4.0 – 6.5 g/dL       | 5.17 g/dL                                                                                                                                                                                                        |
|         | Hemoglobin:     | ≤ 20 mg/dL           | 16.80 mg/dL                                                                                                                                                                                                      |
|         | pH:             | 7.0 – 8.5            | 7.62                                                                                                                                                                                                             |
|         | Coagulation:    | Clot formation       | No clot formed after 10 minute incubation with Milli-Q water and thromboplastin D. However, a clot formed after 10 minute incubation in reaction supplemented with 10 mM calcium chloride (final concentration). |
|         | Sterility:      | No growth at 14 days | <i>Passed. No growth at 14 days.</i>                                                                                                                                                                             |

### QUALITY ASSURANCE

Quality Control Release Date: November 17, 2015

Sarah Graves  
Quality Systems Technician**Meets or exceeds specifications** ☐**Does not meet specifications** ☒*Clotting reaction requires supplementation of 10 mM Calcium Chloride (final concentration)***SUITABLE FOR FURTHER MANUFACTURE OR RESEARCH PURPOSES**