

Certificate of Analysis

PRODUCT: Rabbit Plasma Sterile Custom- [REDACTED]**CODE NO:** 31154**LOT NO:** 17338**DATE OF MANUFACTURE:** June 21, 2016**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	5.1 g/dL
	Hemoglobin:	≤ 20 mg/dL	16 mg/dL
	pH:	7.0 – 8.5	7.5
	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: June 21, 2016

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**