

Certificate of Analysis

PRODUCT: Rabbit Serum, Young, Non-Hemolyzed, Sterile, Heat Inactivated**CODE NO:** 31129**LOT NO:** 06438**CUSTOMER PART NO:** 15-02708-00**DATE OF
MANUFACTURE:** March 4, 2016**DATE OF EXPIRATION:** March 4, 2018

**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.

ORIGIN: U.S.A.**EU 142/2011:** AR TEC 0007**STORAGE:** At or below -10 °C

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

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 at 0.22µm filter, bottled, and frozen.

ASSAYS:	Required Assays	Specification	Result
	Total Protein:	5.0 – 7.5 g/dL	5.8 g/dL
	Hemoglobin:	≤ 20 mg/dL	10 mg/dL
	pH:	7.0 – 8.5	8.0
	Sterility:	No growth at 14 days	Passed. No growth at 14 days.
	Bioburden:	Report results	Heat inactivation tank: 0 cfu/plate Pressue tank: 0 cfu/plate
	Endotoxin:	≤ 200 EU/mL	0.88 EU/mL
	Glucose:	≥ 100 mg/dL	120 mg/dL

QUALITY ASSURANCE

Quality Control Release Date: March 28, 2016

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