

Certificate of Analysis

PRODUCT: Rabbit Serum, Young, Non-Hemolyzed, Sterile, Heat Inactivated**CODE NO:** 31129**LOT NO:** 30838**CUSTOMER PART NO:** 15-02708-00**DATE OF
MANUFACTURE:** November 3, 2016**DATE OF EXPIRATION:** November 3, 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	6.0 g/dL
Hemoglobin:	≤ 20 mg/dL	10 mg/dL
pH:	7.0 – 8.5	8.1
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	1.3 EU/mL
Glucose:	≥ 100 mg/dL	122 mg/dL

QUALITY ASSURANCE

Quality Control Release Date:

December 15, 2016

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