

Certificate of Analysis

PRODUCT: Rabbit Serum, Young, Non-Hemolyzed, Sterile**CODE NO:** 31125**LOT NO:** 23838**DATE OF
MANUFACTURE:** August 25, 2016**STORAGE:** -10 °C or below**ORIGIN:** U.S.A.**EU 142/2011:** AR TEC 0007**EU
REQUIREMENTS:** Product meets European Union requirements for production of technical blood products.

**PHYSICAL
APPEARANCE:** Straw colored, clear. Natural blood odor. May become slightly turbid after freezing.

**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 is collected from young healthy rabbits (New Zealand White, 8 – 12 weeks of age, either, sex and fasted) at the time of slaughter, refrigerated within 6 hours, processed within 24 hours and frozen. The serum is thawed, pooled, passed through a 0.22-micron filter, bottled and returned to -10 °C or below.

The blood was derived from animals which received ante mortem inspection at Pel-Freez Arkansas LLC 404 N. Arkansas Street, Rogers AR 72756, U.S.A. U.S.D.A Plant #P202, and found to be free of infectious and contagious disease.

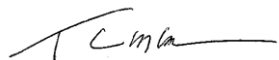
ASSAYS:

Required Assays	Specification	Result
Total Protein:	5.0 – 7.0 g/dL	5.7 g/dL
Hemoglobin:	≤ 20 mg/dL	19 mg/dL
pH:	7.0 – 8.5	7.9
Sterility:	No growth at 14 days.	Passed. No growth at 14 days.

QUALITY ASSURANCE

Quality Control Release Date:

September 9, 2016

Theresa Kwasny
Quality Systems Manager**Meets or exceeds specifications** ☒**Does not meet specifications** ☐**SUITABLE FOR FURTHER MANUFACTURE OR RESEARCH PURPOSES**