

Certificate of Analysis

PRODUCT: Rat Serum, Non-Hemolyzed, Sterile***CODE NO:** 86130**LOT NO:** 23439**DATE OF
MANUFACTURE:** August 22, 2017**STORAGE:** -10 °C or below**ORIGIN:** U.S.A.**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:** Rat serum was obtained from fasted healthy 7-8 week old rats that were non-medicated, non-immunized, and were maintained in barrier facilities. Serum was obtained from whole blood collections and separated from the cellular components by centrifugation. Then serum is thawed, pooled, passed through a 0.22 micron filter, bottled, and frozen at or below -10 °C.

ASSAYS:	Required Assays	Specification	Result
	Total Protein:	6.0 – 8.5 g/L	6.7 g/dL
	Hemoglobin:	≤ 30 mg/dL	21 mg/dL
	pH:	7.0 – 8.5	7.7
	Sterility:	No growth at 14 days	Passed. No growth at 14 days.

QUALITY ASSURANCE

Quality Control Release Date: September 8, 2017

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