

Certificate of Analysis

PRODUCT: Pig Serum, Trace-Hemolyzed, Sterile**CODE NO:** 39526**LOT NO:** 08337**DATE OF
MANUFACTURE:** March 24, 2015**ORIGIN:** U.S.A.**STORAGE:** -10 °C or below**EU REQUIREMENTS:** Product meets European Union requirements for production of technical blood products.**HEALTHY
ANIMAL
STATEMENT:** This product is made from raw materials that were collected from animals and found free from infectious and contagious disease.**PROCEDURE:** Whole blood is collected from mature, healthy swine (either sex and mixed breeds) at the time of slaughter, refrigerated within 6 hours, processed within 24 hours and frozen at or below -10 °C. The serum is thawed, pooled, passed through a 0.22 micron filter, bottled and stored at or below -10 °C.

ASSAYS:	Required Assays	Specification	Result
	Total Protein:	7.0 – 10.0 g/dL	8.07 g/dL
	Hemoglobin:	20 ≤ 50 mg/dL	24.80 mg/dL
	pH:	7.0 – 8.5	7.47
	Sterility:	No growth at 14 days.	Passed. No growth at 14 days.

QUALITY ASSURANCE

Quality Control Release Date: April 8, 2015

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