

Certificate of Analysis

PRODUCT: Pig Serum, Trace-Hemolyzed, Sterile

CODE NO: 39526

LOT NO: 24041

DATE OF MANUFACTURE: August 28, 2019

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	8.8 g/dL
	Hemoglobin:	20 ≤ 50 mg/dL	23 mg/dL
	pH:	7.0 – 8.5	7.5
	Sterility:	No growth at 14 days.	Pass

QUALITY ASSURANCE

Quality Control Release Date: September 17, 2019



Doug Stocker
 Quality Systems Technician

Meets or exceeds specifications

Does not meet specifications

SUITABLE FOR FURTHER MANUFACTURE OR RESEARCH PURPOSES