

## Certificate of Analysis

**PRODUCT:** Pig Serum, Trace-Hemolyzed, Sterile

**CODE NO:** 39526

**LOT NO:** 09743

**DATE OF  
MANUFACTURE:** April 7, 2021

**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.

<b>ASSAYS:</b>	<b>Required Assays</b>	<b>Specification</b>	<b>Result</b>
	Total Protein:	7.0 – 10.0 g/dL	8.2 g/dL
	Hemoglobin:	20 ≤ 50 mg/dL	22 mg/dL
	pH:	7.0 – 8.5	7.4
	Sterility:	No growth at 14 days.	Pass

### QUALITY ASSURANCE

Quality Control Release Date: May 3, 2021



Doug Stocker  
Quality Systems Technician

**Meets or exceeds specifications**   
**Does not meet specifications**

**SUITABLE FOR FURTHER MANUFACTURE OR RESEARCH PURPOSES**