

Certificate of Analysis

PRODUCT: Goat Serum, Ultra Non-Hemolyzed, Donor Herd, Sterile

CODE NO: 32130

LOT NO: 07940

DATE OF MANUFACTURE: March 20, 2018

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.

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: Mature goat blood (donor herd, wethers, U.S. Origin) is refrigerated within 2 hours of collection, processed within 24 hours, and frozen. The serum is thawed, sterile filtered through a 0.22 micron filter, bottled, and stored at -10°C or below.

ASSAYS:	Required Assays	Specification	Result
	Total Protein:	6.0 – 8.0 g/dL	6.9 g/dL
	Hemoglobin:	≤ 10 mg/dL	9 mg/dL
	pH:	7.0 – 8.5	7.8
	Sterility:	No growth at 14 days	Passed. No growth at 14 days.

QUALITY ASSURANCE

Quality Control Release Date: April 4, 2018



Sarah Graves
 Quality Systems Technician

Meets or exceeds specifications

Does not meet specifications

SUITABLE FOR FURTHER MANUFACTURE OR RESEARCH PURPOSES