

Certificate of Analysis

PRODUCT: Goat Serum, Non-Sterile, Non-Hemolyzed**CODE NO:** 32118**LOT NO:** 19839**DATE OF
MANUFACTURE:** July 17, 2017**STORAGE:** -10 °C or below**ORIGIN:** U.S.A.**EU 142/2011:** AR TEC 0007**EU
REQUIREMENTS:** Product meets EU 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:** Mature goat blood (any breed, male wether goats, US origin under the care of a licensed veterinarian) is refrigerated within 6 hours of collection; processed within 24 hours and frozen. The serum is later thawed, pooled, bottled and frozen prior to shipment on dry ice.

ASSAYS:	Required Assays	Specification	Result
	Total Protein:	6.0 – 8.0 g/dL	7.2 g/dL
	Hemoglobin:	≤ 20 mg/dL	10 mg/dL
	pH:	7.0 – 8.5	7.6

QUALITY ASSURANCE

Quality Control Release Date: July 18, 2017

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