

Certificate of Analysis

PRODUCT: Goat Serum, Donor Herd, Non-Hemolyzed, Sterile, Heat-Inactivated

CODE NO: 32128

LOT NO: 22139

**DATE OF
MANUFACTURE:** August 9, 2017

ORIGIN: U.S.A.

STORAGE: -10 °C or below

**EU
REQUIREMENTS:** Product meets EU requirements for production of technical blood products.

PROCEDURE: Mature goat blood (donor herd, either sex) is refrigerated within 6 hours of collection, processed within 24 hours, and frozen. The serum is thawed and passed through a 0.22 micron filter, bottled, frozen. Serum thawed, heat inactivated at 56 °C for 30 minutes, frozen at -20 °C.

ASSAYS:

Required Assays	Specification	Result
Total Protein	6.0 – 8.0 g/dL	6.2 g/dL
Hemoglobin	≤ 20 mg/dL	8 mg/dL
pH	7.0 – 8.5	7.9

*Sterility not compromised during process.

QUALITY ASSURANCE

Quality Control Release Date: August 18, 2017



Sarah Graves
Quality Systems Technician

Meets or exceeds specifications ☒

Does not meet specifications ☐

SUITABLE FOR FURTHER MANUFACTURE OR RESEARCH PURPOSES