

Certificate of Analysis

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

CODE NO: 32128

LOT NO: 33047

**DATE OF
MANUFACTURE:** November 26, 2025

ORIGIN: U.S.A.

STORAGE: -10 °C or below

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

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

ASSAYS:

Required Assays	Specification	Result
Total Protein	6.0 – 8.0 g/dL	6.7 g/dl
Hemoglobin	≤ 20 mg/dL	5.2 mg/dl
pH	7.0 – 8.5	7.9

*Sterility not compromised during process.

QUALITY ASSURANCE

Quality Control Release Date: December 5, 2025



Doug Stocker
Quality Systems Technician

Meets or exceeds specifications ☒

Does not meet specifications ☐

SUITABLE FOR FURTHER MANUFACTURE OR RESEARCH PURPOSES