

Biologicals Division

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Pel-Freez®

Analysis Certificate

PRODUCT: Goat Serum, Sterile, Non-Hemolyzed, Delipidized

CODE NO: 32117

LOT NO: 31736

STORAGE: -20 °C

ORIGIN: USA

EU 142/2011: AR-TEC-0007

EU

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

PROCEDURE: Whole blood is collected from healthy, sexually mature goats (any breed, either sex), refrigerated within 6 hours, processed within 24 hours and frozen. The serum is then thawed in a water bath, pooled and processed to remove lipids. Delipidized serum is passed through a 0.22-micron filter, bottled, and stored at -20 °C.

Animals originated in the United States and were from a donor herd in the United States at a U.S.D.A. licensed establishment. The animals received health inspections under a veterinarian's supervision and were determined to be free from infectious diseases and injurious parasites transferable to hoofed animals.

ASSAYS: Total Protein	6.70 g/dl
Hemoglobin	8.00 mg/dl
pH	7.75
Sterility	Passed. No growth at 14 days.

QUALITY ASSURANCE

Quality Control Release Date: December 4, 2014



Sarah Graves
Quality Systems Technician

Meets or exceeds specifications ✓

Does not meet specifications

SUITABLE FOR FURTHER MANUFACTURE OR RESEARCH PURPOSE