

Certificate of Analysis

PRODUCT: Bovine Serum, Mature, Non-Hemolyzed, Sterile

CODE NO: 37225

LOT NO: 05137

**DATE OF
MANUFACTURE:** February 20, 2015

ORIGIN: U.S.A.

STORAGE: At or below -10 °C

**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 and found free from infectious and contagious disease.

PROCEDURE: Bovine whole blood is collected from mature healthy animals (any breed, either sex, sexually mature) refrigerated within 6 hours of collection, processed within 24 hours and frozen at or below -10 °C. The serum is thawed and passed through a 0.22 micron filter, bottled and returned to -10 °C or below.

ASSAYS:	Required Assays	Specification	Result
	Total Protein:	6.3 – 8.9 g/dL	8.52 g/dL
	Hemoglobin:	≤ 20 mg/dL	19.20 mg/dL
	pH:	7.0 – 8.5	7.78
	Sterility:	No growth at 14 days.	Passed. No growth at 14 days.

QUALITY ASSURANCE

Quality Control Release Date: April 2, 2015



Brenda Crenshaw
Quality Systems Manager

Meets or exceeds specifications ☒

Does not meet specifications ☐

SUITABLE FOR FURTHER MANUFACTURE OR RESEARCH PURPOSES