

Certificate of Analysis

PRODUCT: Fetal Bovine Serum**CODE NO:** 37051**LOT NO:** 13947**DATE OF
MANUFACTURE:** May 19, 2025**RAW MATERIAL ORIGIN:** Costa Rica**FINAL MANUFACTURING:** U.S.A.**STORAGE:** At -10 °C or below

**HEALTHY
ANIMAL
STATEMENT:** This product is made from raw materials that were collected from animals found free from obvious signs of infectious and contagious disease.

PROCEDURE: Serum is filtered using a 0.1 µm membrane.

ASSAYS:

Required Assays	Specification	Result
Total Protein	3.0 – 5.0 g/dL	3.7 g/dL
Hemoglobin	≤30 mg/dL	16 mg/dL
pH	6.9 – 8.4	7.7
Sterility	No growth	Pass
Endotoxin	≤20 EU/mL	<0.500 EU/mL
Virus Testing:		
Cytopathology (Includes BHV1/IBR)	Not detected	Not detected
Hemadsorption (Includes PI-3)	Not detected	Not detected
Abnormal Cytology (H&E)	Not detected	Not detected
Bovine viral diarrhea virus	Not detected	Not detected
Bovine parovirus	Not detected	Not detected
Bovine adenovirus	Not detected	Not detected
Bluetongue virus	Not detected	Not detected
Bovine Respiratory syncytial virus	Not detected	Not detected
Reovirus	Not detected	Not detected
Rabies virus	Not detected	Not detected

QUALITY ASSURANCE

Quality Control Release Date: July 15, 2025

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