

Certificate of Analysis

PRODUCT: Fetal Bovine Serum

CODE NO: 37051

LOT NO: 17147

DATE OF MANUFACTURE: June 20, 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	3.6 g/dL
Hemoglobin	≤30 mg/dL	14 mg/dL
pH	6.9 – 8.4	7.6
Sterility	No growth	Pass
Endotoxin	≤20 EU/mL	0.95 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


Kendra Graham
Quality Systems Lead

Meets or exceeds specifications ☒

Does not meet specifications ☐

SUITABLE FOR FURTHER MANUFACTURE OR RESEARCH PURPOSES