



CERTIFICATE OF ANALYSIS

Tetracycline Negative Fetal Bovine Serum (Catalog Number 100-800)

Lot Number: A426004

Date of Manufacture: Jun2023

Product Expiry: Jun2028

Origin: United States

Storage Temperature: ≤ -10°C

For cell culture, further manufacturing or research use only. Not for direct therapeutic use.

Product Description: Tetracycline Negative Fetal Bovine Serum is sterile-filtered through a 0.1 µm filter prior to freezing.

Test	Methodology	Specification	Analysis
Biological Testing			
Endotoxin	Limulus Amebocyte Lysate Gel Clot	<10.0 EU/mL	<0.06 EU/mL
Hemoglobin	Spectrophotometric	<20.0 mg/dL	9.1 mg/dL
Microbiological Testing			
Sterility	U.S.P. Modified		
Bacteria		No Growth	No Growth
Fungi		No Growth	No Growth
Mycoplasma	Large Volume Barile Method 9CFR113.53c [113.46,113.47]	Not Detected	Not Detected
Viral Testing			
Cytopathic Agents		Not Detected	Not Detected
Hemadsorbing Agents		Not Detected	Not Detected
Extraneous Viruses (FAb)			
Bluetongue Virus		Not Detected	Not Detected
Bovine Adenovirus		Not Detected	Not Detected
Bovine Parvovirus		Not Detected	Not Detected
Bovine Viral Diarrhea (Cytopathic)		Not Detected	Not Detected
Bovine Respiratory Syncytial Virus		Not Detected	Not Detected
Rabies Virus		Not Detected	Not Detected
Reovirus		Not Detected	Not Detected
Physical Testing			
Electrophoretic Pattern		Normal	Normal
Osmolality	Vapor Pressure	260 – 350 mOsm/kg	303 mOsm/kg
pH @ RT		6.5 – 8.5	7.3
Biochemistry Testing			
Albumin		Test and Report	2.4 g/dL
Alkaline Phosphatase		Test and Report	232.0 U/L
ALT (SGPT)		Test and Report	8.0 U/L
AST (SGOT)		Test and Report	52 U/L
GGT		<10 U/L	3.0 U/L
Bilirubin, Total		Test and Report	0.20 mg/dL



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(Catalog Number 100-800)

Lot Number: A426004

Test	Methodology	Specification	Analysis
BUN		Test and Report	15.0 mg/dL
Calcium		Test and Report	13.6 mg/dL
Chloride		Test and Report	101.0 meq/L
Cholesterol		Test and Report	34.0 mg/dL
Cortisol		Test and Report	0.217 µg/dL
Creatinine		Test and Report	2.6 mg/dL
Glucose		Test and Report	88.0 mg/dL
IgG		<0.300 mg/mL*	0.300 mg/dL
Insulin		Test and Report	9.51 µU/mL
Iron, Serum		Test and Report	188.0 µg/dL
Phosphorus		Test and Report	10.5 mg/dL
Potassium		Test and Report	10.0 meq/L
Progesterone		Test and Report	<0.06 ng/mL
Protein, Total		2.5 – 6.0 g/dL	3.5 g/dL
Sodium		Test and Report	138.0 meq/L
Testosterone		Test and Report	0.02 ng/mL
T3		Test and Report	111 ng/mL
T4		Test and Report	13.8 µg/dL
Triglycerides		Test and Report	57.0 mg/dL
Tetracycline		<1 ng/mL	<1.0 ng/mL
Uric Acid		Test and Report	2.4 mg/dL

Our fetal bovine serum meets all USDA requirements and has passed ante and post-mortem inspection. It is collected in countries recognized as being free of foot-and-mouth disease and rinderpest. The origin of all fetal bovine serum is traceable by lot number, date, and country of collection. Precipitates may develop in this product upon freezing and/or thawing; this occurrence does not impact culture performance. *Some geographic regions may test higher than 0.300 mg/mL. If this be the case, refer to GGT results less than 10 U/L to ensure FBS purity.

The testing that has been performed as part of this lot release has been reviewed by Quality Assurance personnel and has confirmed that the testing meets the specifications presented on this Certificate of Analysis.

Karen Zuniga
Name

19FEB2026
Date

QA Associate II
Title