



**CERTIFICATE OF ANALYSIS**  
**Foundation™ B Fetal Bovine Serum**  
**(Catalog Number 900-208)**

Lot Number: A424026

**Date of Manufacture:** Oct2022

**Product Expiry:** Oct2027

**Origin:** Mexico

**Storage Temperature:** ≤ -10°C

For Cell culture, Further Manufacturing or Research use Only. Not for Direct Therapeutic Use.

**Product Description:** Foundation™ B Fetal Bovine Serum is sterile-filtered through a 0.1 µm filter prior to freezing.

Test	Methodology	Specification	Analysis
<b>Biological Testing</b>			
Endotoxin	LAL	Test and Report	603.0 EU/mL
Hemoglobin	USP <90>	Test and Report	39.00 mg/dL
<b>Microbiological Testing</b>			
<b>Sterility</b>			
Bacteria	9CFR 113.26	No Growth	No Growth
Fungi	9CFR 113.26	No Growth	No Growth
Mycoplasma	PCR	Not Detected	Not Detected
<b>Viral Testing</b>			
	9CFR113.53c[113.46,113.47]		
Cytopathic Agents		Not Detected	Not Detected
Hemadsorbing Agents		Non-Reactive	Not Detected
<b>Extraneous Viruses (FAB)</b>			
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
<b>Physical Testing</b>			
Electrophoretic Pattern		Normal	Normal
Osmolality	Osmometer	260-350 mOsm/ kg	310.0 mOsm/ kg
pH@RT	pH Meter	6.5-8.5	7.3
<b>Biochemistry</b>			
Albumin		Test and Report	1.6 g/dL
Alkaline Phosphatase	Chemical Analyzer	Test and Report	245 IU/L
ALT (SGPT)	Chemical Analyzer	Test and Report	20 IU/L
AST (SGOT)	Chemical Analyzer	Test and Report	84 IU/L
GGT	Chemical Analyzer	<10 U/L	1.0 IU/L



**CERTIFICATE OF ANALYSIS**  
**Foundation™ B Fetal Bovine Serum**  
**(Catalog Number 900-208)**

Lot Number: A424026

Test	Methodology	Specification	Analysis
Bilirubin, Total	Chemical Analyzer	Test and Report	0.2 mg/dL
BUN	Chemical Analyzer	Test and Report	17.0 mg/dL
Calcium	Chemical Analyzer	Test and Report	14.3 mg/dL
Chloride	Chemical Analyzer	Test and Report	94.0 mEq/L
Cholesterol	Chemical Analyzer	Test and Report	34.0 mg/dL
Cortisol		Test and Report	< 0.20 µg/dL
Creatinine	Chemical Analyzer	Test and Report	2.8 mg/dL
Glucose	Chemical Analyzer	Test and Report	141.0 mg/dL
IgG	ELISA	<0.300 mg/mL*	0.1184 mg/mL
Insulin		Test and Report	7.940 µIU/mL
Iron, Serum	Chemical Analyzer	Test and Report	192.0 µg/dL
Phosphorus	Chemical Analyzer	Test and Report	10.9 mg/dL
Potassium	Chemical Analyzer	Test and Report	15.7 mEq/L
Progesterone		Test and Report	<0.06 ng/mL
Protein, Total	Chemical Analyzer	2.5 – 6.0 g/dL	3.7 g/dL
Sodium	Chemical Analyzer	Test and Report	134.0 mEq/L
Testosterone		Test and Report	<0.01 ng/mL
T3		Test and Report	160.0 ng/dL
T4		Test and Report	12.2 µg/dL
Triglycerides	Chemical Analyzer	Test and Report	88.0 mg/dL
Uric Acid	Chemical Analyzer	Test and Report	2.7 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.

Julie Wilson  
Name  
QA Specialist  
Title

23 APR 2024  
Date