

Product:	Fetal Bovine Serum	Description:	Ultra Low IgG Premium, United States Origin
Catalog Number:	35-073-CV, 35-073-CI	Lot Number:	35073103
Date of Manufacture:	AUG 2018	Date of Expiration:	31 AUG 2023
Country of Raw Material Origin:	United States	Country of Final Processing:	United States
Sterility Assurance Level:	40 nm Filtered	Storage:	-40°C to -10°C

Test	Method	Specification	Results	Units
Endotoxin	Limulus Amebocyte Lysate-Gel Clot	≤ 10	<1	EU/mL
Hemoglobin	Spectrophotometric	≤ 25	2	mg/dL
Mycoplasma	Direct Culture	Not Detected	Not Detected	N/A
Osmolality	Hoechst DNA Stain	Not Detected	Not Detected	N/A
pH	EP 2.5.35	280 – 350	308	mOsm/kg
Sterility (Bacteria & Fungi)		6.5 – 8.5	7.58	N/A
Total Protein	Current USP & Current EP	No Growth	No Growth	N/A
Gamma-Glutamyl Transferase (GGT)	EP 2.5.33	3.0 – 4.5	3.3	g/dL
Immunoglobulin G (IgG)		≤ 10	5	IU/L
Virus Testing		≤ 5	0.05	µg/mL
	9 CFR Part 113.53c			
Bluetongue Virus		Not Detected	Not Detected	N/A
Bovine Adenovirus		Not Detected	Not Detected	N/A
Bovine Parvovirus		Not Detected	Not Detected	N/A
Bovine Respiratory Syncytial Virus		Not Detected	Not Detected	N/A
Bovine Viral Diarrhea Virus		As Reported	Not Detected	N/A
Rabies Virus		Not Detected	Not Detected	N/A
Reovirus		Not Detected	Not Detected	N/A
Cytopathogenic Agents (IBR)		Not Detected	Not Detected	N/A
Hemadsorbing Agents (PI3)		Not Detected	Not Detected	N/A
Biochemical Testing - Proteins & Organic Compounds				
Alkaline Phosphatase		As Reported	246	IU/L
Blood Urea Nitrogen (BUN)		As Reported	13	mg/dL
Cholesterol		As Reported	29	mg/dL
Creatinine		As Reported	2.85	mg/dL
Glucose		As Reported	101	mg/dL
Glutamic Oxaloacetic Transaminase (AST)		As Reported	54	IU/L
Glutamic Pyruvic Transaminase (ALT)		As Reported	<6	IU/L
High Density Lipoprotein Cholesterol (HDL)		As Reported	8	mg/dL
Low Density Lipoprotein Cholesterol (LDL)		As Reported	9	mg/dL
Total Bilirubin		As Reported	0.2	mg/dL
Triglyceride		As Reported	58	mg/dL
Biochemical Testing - Electrophoretic Profile		Normal	Normal	N/A
Albumin		As Reported	1.6	g/dL
Alpha 1, 2		As Reported	1.3	g/dL
Beta		As Reported	0.3	g/dL

Gamma	As Reported	0.1	g/dL
Biochemical Testing - Trace Metals			
Calcium	As Reported	13.2	mg/dL
Chloride	As Reported	101	mmol/L
Iron	As Reported	123	µg/dL
Magnesium	As Reported	28.56	µg/mL
Potassium	As Reported	>10	mmol/L
Sodium	As Reported	137	mmol/L
Biochemical Testing - Hormones			
Insulin	As Reported	0.49	µIU/mL
Progesterone	As Reported	<0.1	ng/mL

Notes:

For additional information on this Mediatech product, please contact our Technical Services department at (800) 235-5476 or via email at MTTechServ@corning.com.

This product was tested in accordance with Mediatech, Inc. specifications and procedures current as of date of manufacture. Testing procedures are maintained in compliance with the current versions of the USP and/or EP, where applicable.

For research or further manufacturing uses only. Not for use as an excipient. Not for therapeutic or diagnostic uses. Not for human or animal consumption. Utilization of this product apart from the labeled intended use may be a violation of local and/or Federal Law.

Origin and BSE/TSE Statements:

The aforementioned lot was manufactured from fetal bovine blood collected from government approved harvest facilities located in United States, a country recognized by the United States Department of Agriculture - Animal and Plant Health Inspection Service (USDA-APHIS) and the World Organization for Animal Health (OIE) as having a negligible risk of Bovine Spongiform Encephalopathy (BSE), a bovine-specific Transmissible Spongiform Encephalopathy (TSE). All fetal bovine serum is derived from fetuses collected from healthy bovine cows and heifers that have passed ante and post mortem inspection and were found free of contagious diseases.

The following signatures indicate the above material has met all quality specifications and has been reviewed by a Quality representative.

Written By/Date:

J. J. L. 05APR2019

Reviewed By/Date:

Deborah Fogarty
05APR2019

