

Product: **Fetal Bovine Serum Super Low IgG**
 Triple 0.1µm sterile-filtered

Catalog #: 100-720

Lot #: A89G02J

Origin: United States (100%)

Manufacture Date: Aug 2018

Expiration Date: Aug 2023

TEST	METHODOLOGY	SPECIFICATION	RESULTS
Biological Testing			
Endotoxin	LAL	<10.0 EU/mL	<1.00 EU/mL
Hemoglobin	Spectrophotometric	<20.0 mg/dL	2.00 mg/dL
Microbiological Testing			
Sterility	USP<71>		
Bacteria		Not Detected	Not Detected
Fungi		Not Detected	Not Detected
Mycoplasma	Direct Culture, Hoechst DNA Stain	Not Detected	Not Detected
Viral Testing			
	9 CFR 113.53c		
Cytopathogenic Agents (IBR)		Not Detected	Not Detected
Hemadsorbing Agents (PI3)		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 Syncytial Virus		Not Detected	Not Detected
Bovine Rabies Virus		Not Detected	Not Detected
Reovirus		Not Detected	Not Detected
Physical Testing			
Electrophoretic Pattern		Normal	Normal
Osmolality	USP<785>	260-350 mOsm/kg	308 mOsm/kg
pH @ RT	USP<791>	6.5 – 8.5	7.58

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Albumin		Test and Report	1.6 g/dL
Alkaline Phosphatase		Test and Report	246 U/L
ALT (SGPT)		Test and Report	<6 U/L
AST (SGOT)		Test and Report	54 U/L
Bilirubin, Total		Test and Report	0.2 mg/dL
BUN		Test and Report	13 mg/dL
Calcium		Test and Report	3.3 mM
Chloride		Test and Report	101 mM
Cholesterol		Test and Report	29 mg/dL
Creatinine		Test and Report	2.85 mg/dL
Glucose		Test and Report	5.61 mM
IgG		<0.300 mg/mL	0.05 µg/mL
Insulin		Test and Report	3.4 pM
Iron, Serum		Test and Report	123 µg/dL
Potassium		Test and Report	>10.0 mM
Progesterone		Test and Report	<0.3 nM
Protein, Total	EP 2.5.33	2.5-6.0 g/dL	3.3 g/dL
Sodium		Test and Report	137 mM
Triglycerides		Test and Report	58 mg/dL

*For Cell Culture, further Manufacturing and Research use only. Not for direct Therapeutic use.
 Results shown were obtained by carefully performed methods believed to be reliable. However, since some results may vary by methodology, it is suggested that tests for which results are particularly critical be repeated by the end user.
 Our fetal bovine serum meets all USDA requirements and has passed ante- and post-mortem inspection by a licensed veterinarian. 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.*

 07 May 2019

 CREATED BY/ DATE

 07 May 2019

 VERIFIED BY/ DATE