



**Product:** **Charcoal:Dextran Stripped Fetal Bovine Serum**  
Triple 0.1µm sterile-filtered

**Catalog #: 100-119**  
**Lot #: A62G02J**  
**Origin: United States**

**Manufacture Date: Sep 2018**  
**Expiration Date: Sep 2023**

TEST	METHODOLOGY	SPECIFICATION	RESULTS
<b>Biological Testing</b>			
Endotoxin	USP<85>	<10.0 EU/mL	<0.1 EU/mL
Hemoglobin	Fleming, AF and Woolf, AJ (1965)	<20.0 mg/dL	7.62 mg/dL
<b>Microbiological Testing</b>			
Sterility	USP<71>		
Bacteria		Not Detected	Not Detected
Fungi		Not Detected	Not Detected
Mycoplasma	Barile, MF and Kern, J (1971)	Not Detected	Not Detected
<b>Viral Testing</b>			
	9 CFR 113.53c [113.46, 113.47]		
Cytopathic Agents		Not Detected	Pending
Hemadsorbing Agents		Not Detected	Pending
Bovine Viral Diarrhea Ab Titer			
Type I			Pending
Type II			Pending
Extraneous Viruses (FAb)			
Bluetongue Virus		Not Detected	Pending
Bovine Adenovirus		Not Detected	Pending
Bovine Parvovirus		Not Detected	Pending
Bovine Viral Diarrhea (cytopathic)		Not Detected	Pending
Bovine Viral Diarrhea (non-cytopathic)		Not Detected	Pending
Bovine Syncytial Virus		Not Detected	Pending
Bovine Rabies Virus		Not Detected	Pending
Reovirus		Not Detected	Pending
<b>Physical Testing</b>			
Electrophoretic Pattern	Cellulose Acetate	Normal	Normal
Osmolality	USP<785>	260-350 mOsm/kg	273 mOsm/kg
pH @ RT	USP<791>	6.5 – 8.5	7.51



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TEST	METHODOLOGY	SPECIFICATION	RESULTS	
			Pre-Strip	Post-Strip
Albumin				1.9 g/dL
Alkaline Phosphatase				224 U/L
ALT (SGPT)				6 U/L
AST (SGOT)				59 U/L
GGT		<10 U/L		4 U/L
Bilirubin, Total				0.1 mg/dL
BUN				12 mg/dL
Calcium				2.8 mM
Chloride				100 mM
Cholesterol				30 mg/dL
Cortisol			6.87	<5.5 nM
Creatinine				0.0 mg/dL
Estradiol			253	146 pM
Glucose				5.55 mM
IgG	ELISA	<0.300 mg/mL*		Pending mg/mL
Insulin			48.4	<18.9 pM
Iron, Serum				177 ug/dL
Phosphorus				3.29 mM
Potassium				>10.0 mM
Progesterone			<0.64	<0.64 nM
Protein, Total	Biuret	2.5-6.0 g/dL		3.4 g/dL
Sodium				137 mM
Testosterone			<0.03	<0.03 nM
T3			1.96	<0.154 nM
T4			193	64 nM
Triglycerides				68 mg/dL
Tetracycline				Pending
Uric Acid				0.0 mg/dL

*For Cell Culture, further Manufacturing and Research use only. Not for direct Therapeutic use.*  
*Results shown were obtained prior to heat inactivation 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 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.*

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