

Fetal Bovine Serum –Triple 0.1 µm Sterile Filtered, USDA approved

Product number: FBS-CBT-XXX Lot Number: 20130527FS
 Date of Manufacture: 05/2013 Expiration date: 05/2018
 Storage temperature: -5 to -20°C

Not for human or animal consumption


Basis for Release

Chemical Analysis				Microbiological Analysis			
Test	Method	Specification	Result	Test	Method	Specification	Result
Total Protein	Chemistry Analyzer	≤ 45 g/L	33 g/L	Sterility	9CFR 113.26	No growth	No Growth
Albumin	Chemistry Analyzer	≤ 25.0 g/L	7 g/L	Mycoplasma	9CFR 113.28	Not Detected	Not Detected
Globulin	Chemistry Analyzer	As reported	26 g/L	Endotoxin	KCA	< 10.0 EU/ml	6.42 EU/mL
Bilirubin	Chemistry Analyzer	As reported	0.3 mg/dL	Viral Analysis			
ALT	Chemistry Analyzer	As reported	10 U/L	Test	Method	Specification	Result
AST	Chemistry Analyzer	As reported	73 U/L	BVD	9CFR 113.53	Not Detected	Not Detected
Cholesterol	Chemistry Analyzer	As reported	< 50 mg/dL	PI3	9CFR 113.53	Not Detected	Not Detected
Glucose	Chemistry Analyzer	As reported	76 mg/dL	IBR	9CFR 113.53	Not Detected	Not Detected
Urea	Chemistry Analyzer	As reported	14 mg/dL	Bovine Adeno 3	9CFR 113.53	Not Detected	Not Detected
Creatinine	Chemistry Analyzer	As reported	2.5 mg/dL	Bovine Adeno 5	9CFR 113.53	Not Detected	Not Detected
Sodium	Chemistry Analyzer	As reported	126.0 mmol/L	BRSV	9CFR 113.53	Not Detected	Not Detected
Potassium	Chemistry Analyzer	As reported	10.3 mmol/L	REO Virus	9CFR 113.53	Not Detected	Not Detected
Calcium	Chemistry Analyzer	As reported	12.3 mg/dL	Rabies	9CFR 113.53	Not Detected	Not Detected
Phosphorus	Chemistry Analyzer	As reported	8.7 mg/dL	Blue Tongue	9CFR 113.53	Not Detected	Not Detected
Osmolality	Osmometer	As reported	284	Identity Analysis			
Hemoglobin	CTQC12	≤ 25.0 mg/dL	10.0 mg/dL	Test	Method	Specification	Result
pH	pH meter	6.80 – 8.20	7.68	Serum Identity	Electrophoresis	Characteristic	Characteristic
IgG	ELISA	As reported	260 µg/mL	Appearance	Visual	Clear yellow-amber	Clear amber solution

STATEMENT OF ORIGIN

This serum has been derived from blood aseptically collected in approved abattoirs. The serum was aseptically processed and filter sterilized in USA. The country of origin of the crude blood (donor cow origin) is Mexico. The material was imported and subject to safety testing by NVSL prior to release for distribution within the US.

Approval

Quality Assurance – Print Name: <i>Emily Villegas</i>	Quality Assurance – Sign Name: 	Date: <i>09/19/13</i>
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