

Fetal Bovine Serum –Triple 0.1 µm Sterile Filtered, US origin

Product number: FBS-BBT-XXX Lot Number: 20130723FS
 Date of Manufacture: 07/2013 Expiration date: 07/2018
 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	37 g/L	Sterility	9CFR 113.26	No growth	No growth
Albumin	Chemistry Analyzer	≤ 25.0 g/L	8 g/L	Mycoplasma	9CFR 113.28	Not Detected	Not Detected
Globulin	Chemistry Analyzer	As reported	2.9 g/dL	Endotoxin	Gel Clot	< 10.0 EU/ml	< 1.2 EU/mL
Bilirubin	Chemistry Analyzer	As reported	0.4 mg/dL	Viral Analysis			
ALT	Chemistry Analyzer	As reported	< 6 U/L	Test	Method	Specification	Result
AST	Chemistry Analyzer	As reported	22 U/L	BVD Cytopathic	9CFR 113.53	Not Detected	Not Detected
Cholesterol	Chemistry Analyzer	As reported	< 50 mg/dL	BVD Non-Cytopathic	9CFR 113.53	Tested	Tested
Glucose	Chemistry Analyzer	As reported	136 mg/dL	PI3	9CFR 113.53	Not Detected	Not Detected
Urea	Chemistry Analyzer	As reported	14 mg/dL	IBR	9CFR 113.53	Not Detected	Not Detected
Creatinine	Chemistry Analyzer	As reported	2.6 mg/dL	Bovine Adeno 3	9CFR 113.53	Not Detected	Not Detected
Sodium	Chemistry Analyzer	As reported	139.0 mmol/L	Bovine Adeno 5	9CFR 113.53	Not Detected	Not Detected
Potassium	Chemistry Analyzer	As reported	10 mmol/L	BRSV	9CFR 113.53	Not Detected	Not Detected
Calcium	Chemistry Analyzer	As reported	14.2 mg/dL	REO Virus	9CFR 113.53	Not Detected	Not Detected
Phosphorus	Chemistry Analyzer	As reported	8.9 mg/dL	Rabies	9CFR 113.53	Not Detected	Not Detected
Osmolality	Osmometer	As reported	301mOsm/kg	Blue Tongue	9CFR 113.53	Not Detected	Not Detected
Hemoglobin	CTQC12	≤ 25.0 mg/dL	10.1 mg/dL	Identity Analysis			
pH	pH meter	6.80 – 8.20	7.66	Test	Method	Specification	Result
IgG	ELISA	As reported	153 µg/mL	Serum Identity	Electrophoresis	Characteristic	Characteristic
				Appearance	Visual	Clear yellow-amber	Pass

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 the United States.

Approval

Quality Assurance – Print Name: <i>Emily Villegas</i>	Quality Assurance – Sign Name: <i>[Signature]</i>	Date: <i>09/26/13</i>
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