

Fetal Bovine Serum– Triple 0.1 µm Filtered, US origin

Product number: FBS-BBT-XXX

Lot Number: 20140930FS

Date of Manufacture: 09/2014

Expiration date: 09/2019

Storage temperature: ≤ -10°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	≤ 4.5 g/dL	3.7 g/dL	Sterility	USP/EP	No growth	No growth
Albumin	Chemistry Analyzer	≤ 2.5 g/dL	2.2 g/dL	Mycoplasma	Direct Culture	Not Detected	Not Detected
Globulin	Chemistry Analyzer	As reported	1.5 g/dL	Endotoxin	LAL	< 10.0 EU/mL	< 0.08 EU/mL
Bilirubin	Chemistry Analyzer	As reported	0.2 mg/dL	Viral Analysis			
ALT	Chemistry Analyzer	As reported	6 U/L	Test	Method	Specification	Result
AST	Chemistry Analyzer	As reported	52 U/L	BVD Cytopathic	9CFR 113.53	Not Detected	Not Detected
Cholesterol	Chemistry Analyzer	As reported	33 mg/dL	BVD Non-cytopathic	9CFR 113.53	Tested	Not Detected
Glucose	Chemistry Analyzer	As reported	107 mg/dL	Rabies	9CFR 113.53	Not Detected	Not Detected
Urea	Chemistry Analyzer	As reported	15 mg/dL	Blue Tongue	9CFR 113.53	Not Detected	Not Detected
Creatinine	Chemistry Analyzer	As reported	2.5 mg/dL	Bovine Adeno 1	9CFR 113.53	Not Detected	Not Detected
Sodium	Chemistry Analyzer	As reported	137 mEq/L	Bovine Adeno 5	9CFR 113.53	Not Detected	Not Detected
Potassium	Chemistry Analyzer	As reported	>10 mEq/L	BPV	9CFR 113.53	Not Detected	Not Detected
Calcium	Chemistry Analyzer	As reported	14.3 mg/dL	BRSV	9CFR 113.53	Not Detected	Not Detected
Phosphorus	Chemistry Analyzer	As reported	10.6 mg/dL	REO Virus	9CFR 113.53	Not Detected	Not Detected
Osmolality	USP	As reported	300 mOsm/Kg	Hemadsorbing Agents (PI3)	9CFR 113.53	Not Detected	Not Detected
Hemoglobin	Spectrophotometer	≤ 25.0 mg/dL	13.5 mg/dL	Cytopathic Agents (IBR)	9CFR 113.53	Not Detected	Not Detected
pH	USP	6.80 – 8.20	7.3	Identity Analysis			
IgG	ELISA	As reported	123 µg/mL	Test	Method	Specification	Result
				Serum Identity	Electrophoresis	Characteristic	Characteristic
				Appearance	Visual	Clear yellow-amber	Clear yellow-amber

PRODUCT MEETS EUROPEAN UNION REQUIREMENTS FOR PRODUCTION OF TECHNICAL BLOOD PRODUCTS

STATEMENT OF ORIGIN

This serum has been derived from blood collected in approved abattoirs in the United States of America. The serum was processed and filtered in the US. The country of origin of the crude blood (bovine origin) is the United States.

Approval

Quality Assurance – Print Name: <i>Stacey Black</i>	Quality Assurance – Sign Name: <i>Stacey Black</i>	Date: <i>05/26/2016</i>
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