

Newborn Calf Serum—0.2µm Filtered, US origin

Product number: NBS-BBT-XXX Lot Number: 20150727NB
 Date of Manufacture: 07/2015 Expiration date: 07/2020
 Storage temperature: -5 to -20°C



Not for human or animal consumption

Basis for Release

Chemical Analysis			Microbiological Analysis		
Test	Specification	Result	Test	Specification	Result
Osmolality	260-340 mOsm/Kg	306 mOsm/Kg	Sterility	No growth	No growth
pH	6.8-7.8	7.6	Mycoplasma 9CFR 113.28	Not Detected	Not Detected
Hemoglobin	< 25 mg/dL	7.45 mg/dL	Endotoxin	< 10.0 EU/mL	<8.91 EU/mL
Total Protein	As Reported	5.7 g/dL	Viral Analysis 9CFR 113.46, 47, 53		
Albumin	As Reported	2.7 g/dL	Test	Specification	Result
Globulin	As Reported	3.0 g/dL	BVD	Not Detected	Not Detected
GGT	As Reported	1438 U/L	PI3	Not Detected	Not Detected
Triglyceride	As Reported	51 mg/dL	IBR	Not Detected	Not Detected
CK	As Reported	271 U/L	Bovine Adeno 3	Not Detected	Not Detected
Bicarbonate	As Reported	17.0 mEq/L	Bovine Adeno 5	Not Detected	Not Detected
Iron	As Reported	81 µg/dL	BRSV	Not Detected	Not Detected
Magnesium	As Reported	3.0 mg/dL	REO Virus	Not Detected	Not Detected
Bilirubin	As Reported	0.5 mg/dL	Rabies	Not Detected	Not Detected
ALT	As Reported	12 U/L	Blue Tongue	Not Detected	Not Detected
AST	As Reported	105 U/L	Identity Analysis		
Cholesterol	As Reported	< 50 mg/dL	Test	Specification	Result
Glucose	As Reported	209 mg/dL	Serum Identity	Characteristic	Characteristic
Urea	As Reported	17 mg/dL	Appearance	Clear yellow-amber	Clear yellow-amber
Creatinine	As Reported	1.0 mg/dL			
Sodium	As Reported	140 mEq/L			
Chloride	As Reported	102 mEq/L			
Potassium	As Reported	8.1 mEq/L			
Calcium	As Reported	8.3 mg/dL			
Phosphorus	As Reported	7.9 mg/dL			

STATEMENT OF ORIGIN

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

Approval

Quality Assurance – Print Name: <i>Temi Sorenson</i>	Quality Assurance – Sign Name: <i>Temi Sorenson</i>	Date: <i>08/03/15</i>
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