

Newborn Calf Serum– 0.2µm Filtered, US origin

Product number: NBS-BBT-XXX Lot Number: 20160119NB
 Date of Manufacture: 01/2016 Expiration date: 01/2021
 Storage temperature: ≤ -10°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	298 mOsm/Kg	Sterility 9CFR 113.26	No growth	No growth
pH	6.8-7.8	7.8	Mycoplasma 9CFR 113.28	Not Detected	Not Detected
Hemoglobin	< 25 mg/dL	5.9 mg/dL	Endotoxin	< 10.0 EU/mL	< 5.0 EU/mL
Total Protein	As Reported	5.4 g/dL	Viral Analysis 9CFR 113.46, 47, 53		
Albumin	As Reported	2.3 g/dL	Test	Specification	Result
Triglyceride	As Reported	38 mg/dL	BVD Cytopathic	Not Detected	Not Detected
Globulin	As Reported	3.1 g/dL	BVD Non- Cytopathic	Tested	Not Detected
Iron	As Reported	73 µg/dL	PI3 Hemadsorbing	Not Detected	Not Detected
Magnesium	As Reported	3.0 mg/dL	IBR Cytopathic	Not Detected	Not Detected
Bilirubin	As Reported	0.8 mg/dL	Bovine Adeno 3	Not Detected	Not Detected
ALT	As Reported	21 U/L	Bovine Adeno 5	Not Detected	Not Detected
AST	As Reported	120 U/L	BPV	Not Detected	Not Detected
Cholesterol	As Reported	< 50 mg/dL	BRSV	Not Detected	Not Detected
Glucose	As Reported	215 mg/dL	REO Virus	Not Detected	Not Detected
Urea	As Reported	15 mg/dL	Rabies	Not Detected	Not Detected
Creatinine	As Reported	1.1 mg/dL	Blue Tongue	Not Detected	Not Detected
Sodium	As Reported	141 mEq/L	Identity Analysis		
Chloride	As Reported	100 mEq/L	Test	Specification	Result
Potassium	As Reported	7.8 mEq/L	Serum Identity	Characteristic	Characteristic
Calcium	As Reported	11.3 mg/dL	Appearance	Clear yellow-amber	Clear yellow-amber
Phosphorus	As Reported	8.8 mg/dL			
IgG	As Reported	6375 µg/mL			

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. The serum was processed and filtered in the USA. The country of origin of the crude blood (bovine origin) is the USA.

Approval

Quality Assurance – Print Name: <i>Terri Sorenson</i>	Quality Assurance – Sign Name: <i>T. Sorenson</i>	Date: <i>06 Apr 2016</i>
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