

Newborn Calf Serum– 0.2µm Filtered, US origin

Product number: NBS-BBT-XXX Lot Number: 20150804NB
 Date of Manufacture: 08/2015 Expiration date: 08/2020
 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	318 mOsm/Kg	Sterility 9CFR 113.26	No growth	No growth
pH	6.8-7.8	7.67	Mycoplasma 9CFR 113.28	Not Detected	Not Detected
Hemoglobin	< 25 mg/dL	7.6 mg/dL	Endotoxin	< 10.0 EU/mL	< 2.0 EU/mL
Total Protein	As Reported	5.0 g/dL	Viral Analysis 9CFR 113.46, 47, 53		
Albumin	As Reported	2.6 g/dL	Test	Specification	Result
CK	As Reported	304 U/L	BVD Cytopathic	Not Detected	Not Detected
GGT	As Reported	620 U/L	BVD Non- Cytopathic	Tested	Not Detected
Triglyceride	As Reported	45 mg/dL	PI3 Hemadsorbing	Not Detected	Not Detected
Globulin	As Reported	2.4 g/dL	IBR Cytopathic	Not Detected	Not Detected
Bicarbonate	As Reported	20 mEq/L	Bovine Adeno 3	Not Detected	Not Detected
Iron	As Reported	66 µg/dL	Bovine Adeno 5	Not Detected	Not Detected
Magnesium	As Reported	2.9 mg/dL	BPV	Not Detected	Not Detected
Bilirubin	As Reported	0.8 mg/dL	BRSV	Not Detected	Not Detected
ALT	As Reported	16 U/L	REO Virus	Not Detected	Not Detected
AST	As Reported	112 U/L	Rabies	Not Detected	Not Detected
Cholesterol	As Reported	< 50 mg/dL	Blue Tongue	Not Detected	Not Detected
Glucose	As Reported	193 mg/dL	Identity Analysis		
Urea	As Reported	17 mg/dL	Test	Specification	Result
Creatinine	As Reported	1.2 mg/dL	Serum Identity	Characteristic	Characteristic
Sodium	As Reported	144 mEq/L	Appearance	Clear yellow-amber	Clear yellow-amber
Chloride	As Reported	106 mEq/L			
Potassium	As Reported	7.7 mEq/L			
Calcium	As Reported	11.2 mg/dL			
Phosphorus	As Reported	8.1 mg/dL			
IgG	As Reported	6810 µg/mL			

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>TSorenson</i>	Date: <i>09/03/15</i>
--	--	--------------------------