

Newborn Calf Serum- Sterile Filtered

Product number: RMB-006-251

Lot Number: 20130506NB

Storage temperature: -10 to -30 °C

Expiration Date: 05/2016

Not for human or animal consumption

Product Integrity Analysis

<u>TEST</u>	<u>SPECIFICATION</u>	<u>RESULT</u>
Endotoxin	< 10 EU/mL	< 5.0 EU/mL
Hemoglobin	< 25 mg/dL	5.7 mg/dL
Mycoplasma	Not Detected	Not Detected
Sterility	No Growth	No Growth
pH	6.8 - 7.8	7.8
Osmolarity	260 - 340 mOsm/kg	296 mOsm/kg
Total Protein	3.5 - 6.0 gm/dL	5.6 gm/dL
Electrophoretic ID	Characteristic	Characteristic
Adventitious Agents		
BVD	Not Detected	Not Detected
IBR	Not Detected	Not Detected
PI3	Not Detected	Not Detected
REO	Not Detected	Not Detected
Parvo	Not Detected	Not Detected
Rabies	Not Detected	Not Detected
BRSV	Not Detected	Not Detected
Blue Tongue	Not Detected	Not Detected
BAV 3	Not Detected	Not Detected
BAV 5	Not Detected	Not Detected
Cytopathic Agents	Not Detected	Not Detected
Hemadsorbing Agents	Not Detected	Not Detected

Biochemical Analysis

<u>COMPONENT</u>	<u>AMOUNT</u>
Triglyceride	44 mg/dL
Glucose	191 mg/dL
Creatinine	1.2 mg/dL
Phosphorus	7.7 mg/dL
Calcium	9.1 mg/dL
Magnesium	2.6 mg/dL
Albumin	0.9 gm/dL
Globulin	4.7 gm/dL
IgG	11000 µg/mL
Cholesterol	< 50 mg/dL
Bilirubin	0.7 mg/dL
CK	265 IU/L
AST	96 IU/L
GGT	857 IU/L
Sodium	138 meq/L
Potassium	7.4 meq/L
Chloride	97 meq/L
Bicarbonate	22 meq/L
Iron	87 µg/dL
Tetracycline	< 10 µg/kg
Doxycycline	< 20 µg/kg
Oxytetracycline	< 10 µg/kg
Chlortetracycline	<10 µg/kg

Newborn calf serum is derived from healthy animals less than 10 days old from the contiguous United States having no reportable diseases or from fetuses harvested from healthy dams fit for human consumption.

Approval

Print Name: <i>Emily Villegas</i>	Sign Name: 	Date: <i>07/03/13</i>
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