

Certificate of Analysis



Fetal Bovine Serum- Triple 0.1 µm Filtered, USDA Mexican Origin

Lot Number: FB-201901
Retest Date: 12/2024
Expiration Date: 09/2027
Storage Temperature: ≤ -10°C

BASIS FOR RELEASE

NOT FOR HUMAN OR ANIMAL CONSUMPTION

CHEMICAL ANALYSIS			
Test	Method	Specification	Result
Albumin	Chemistry Analyzer	≤ 4.5 g/dL	2.1 g/dL
ALT	Chemistry Analyzer	As Reported	11 U/L
AST	Chemistry Analyzer	As Reported	65 U/L
Bilirubin	Chemistry Analyzer	As Reported	0.5 mg/dL
Calcium	Chemistry Analyzer	As Reported	11.6 mg/dL
Chloride	Chemistry Analyzer	As Reported	91 mEq/L
Cholesterol	Chemistry Analyzer	As Reported	< 50 mg/dL
Creatinine	Chemistry Analyzer	As Reported	2.2 mg/dL
Globulin	Chemistry Analyzer	As Reported	1.7 g/dL
Glucose	Chemistry Analyzer	As Reported	113 mg/dL
Hemoglobin	USP < 90 >	< 30 mg/dL	20.7 mg/dL
IgG	ELISA	As Reported	480.2 µg/mL
Iron	Chemistry Analyzer	As Reported	127 µg/dL
Osmolality	Osmometer	As Reported	276 mOsm/kg
pH	pH Meter	6.5 – 8.5	7.6
Phosphorus	Chemistry Analyzer	As Reported	7.7 mg/dL
Potassium	Chemistry Analyzer	As Reported	8.7 mEq/L
Sodium	Chemistry Analyzer	As Reported	128 mEq/L
Total Protein	Chemistry Analyzer	3.0 - 4.5 g/dL	3.8 g/dL
Urea	Chemistry Analyzer	As Reported	14 mg/dL

MICROBIOLOGICAL ANALYSIS			
Test	Method	Specification	Result
Endotoxin	LAL	≤ 10.0 EU/mL	<2.3 EU/mL
Mycoplasma	9CFR 113.28	Not Detected	Not Detected
Sterility	9CFR 113.26	No Growth	No Growth

VIRAL ANALYSIS			
Test	Method	Specification	Result
Blue Tongue	9CFR 113.53	Not Detected	Not Detected
Bovine Adeno 1	9CFR 113.53	Not Detected	Not Detected
Bovine Adeno 5	9CFR 113.53	Not Detected	Not Detected
BPV	9CFR 113.53	Not Detected	Not Detected
BRSV	9CFR 113.53	Not Detected	Not Detected
BVD Cytopathic	9CFR 113.53	Not Detected	Not Detected
BVD Non-Cytopathic	9CFR 113.53	Tested	Not Detected
Cytopathic (IBR)	9CFR 113.53	Not Detected	Not Detected
Hemadsorbing (PI3)	9CFR 113.53	Not Detected	Not Detected
Rabies	9CFR 113.53	Not Detected	Not Detected
REO Virus	9CFR 113.53	Not Detected	Not Detected

IDENTITY ANALYSIS			
Test	Method	Specification	Result
Appearance	Visual	Clear Yellow-Amber	Pass
Serum Identity	Electrophoresis	Characteristic	Characteristic

The raw material for this product was collected from animals from establishments registered in the USA under the USDA. These Animals were inspected pre and post mortem under veterinary supervision and were apparently free of infectious diseases. During the collection process, the material did not have any contact with other materials of animal origin. During processing the material was subjected to pH = 5 for at least 3 hours. This product is licensed for sale for research and diagnostic purposes, and not for direct therapeutic applications.



I.Q. JULIO ALEJANDRO GONZALEZ R.
CONTROL DE CALIDAD