

CERTIFICATE OF ANALYSIS

Qualified Fetal Bovine Serum

Batch/Lot No:	085M20	Expiration Date:	March 2025
Catalog No:	FBS006	Storage:	≤ -10°C
Country of Raw Material Origin:	Mexico	Appearance:	Clear straw to amber liquid
Country of Final Manufacturing:	United States	Filtration:	Triple 0.1 µm membrane filtered
Date of Manufacture:	March 2020		

Chemical Parameters

Test	Methodology	Unit of Measure	Specification	Results
ALT (SGPT)	Chemistry Analyzer	IU/L	As Reported	8
AST (SGOT)	Chemistry Analyzer	IU/L	As Reported	72.4
Bilirubin	Chemistry Analyzer	mg/dL	As Reported	0.2
Calcium	Chemistry Analyzer	mg/dL	As Reported	14.3
Cholesterol	Chemistry Analyzer	mg/dL	As Reported	38.0
Chloride	Chemistry Analyzer	mEq/L	As Reported	101.6
Creatinine	Chemistry Analyzer	mg/dL	As Reported	2.6
GGT	Chemistry Analyzer	IU/L	As Reported	4.6
Glucose	Chemistry Analyzer	mg/dL	As Reported	97.0
Hemoglobin	USP <90>	mg/dL	As Reported	34.6
IgG	ELISA	mg/L	As Reported	190.0
Osmolality	Osmometer	mOsm/kg H ₂ O	260-340	298.0
pH	pH Meter		7.00-8.00	7.8
Potassium	Chemistry Analyzer	mEq/L	As Reported	14.1
Sodium	Chemistry Analyzer	mEq/L	As Reported	129.1
Total Protein	Chemistry Analyzer	g/dL	As Reported	3.8
Triglyceride	Chemistry Analyzer	mg/dL	As Reported	63.5

Microbiological Parameters

Test	Methodology	Unit of Measure	Specification	Results
Endotoxin	LAL	EU/mL	As Reported	7.83
Mycoplasma	9CFR 113.28		Not Detected	Not Detected
Sterility				
Bacteria	9CFR 113.26		No Growth	No Growth
Fungi	9CFR 113.26		No Growth	No Growth

NEUROMICS

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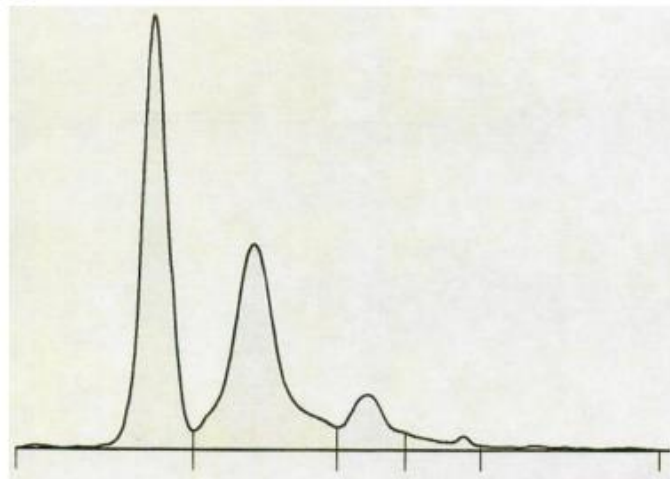
Viral Testing

Test	Methodology	Specification	Results
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	9CFR 113.53	As Reported	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

Protein Electrophoresis

Test	Unit of Measure	Specification	Results
Albumin	g/dL	As Reported	1.76
Alpha Globulins	g/dL	As Reported	1.90
Beta Globulins	g/dL	As Reported	0.10
Gamma Globulins	g/dL	As Reported	0.05

Profile Electrophoresis



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Test results reviewed and approved by*



Approved by/Date
April 21, 2020



Verify by/Date
August 28, 2020

** Test results for this product may have been obtained from third-party certified testing facilities. Results are believed to be accurate but have not been verified by Neuromics. Neuromics relies on the integrity of third-party testing facilities and conducts periodic audits of those facilities. Such audits provided Neuromics with sufficient confidence in the facilities' level of compliance*