

CERTIFICATE OF ANALYSIS

Tet-Free Fetal Bovine Serum

Batch/Lot No:	N21U18-T	Expiration Date:	June 2026
Catalog No:	FBS001-T	Storage:	≤ -10°C
Country of Raw Material Origin:	United States	Appearance:	Clear straw to amber liquid
Country of Final Manufacturing:	United States	Filtration:	Triple 0.1 um membrane filtered
Date of Manufacture:	June 2021		

Chemical Parameters

Test	Methodology	Unit of Measure	Specification	Results
Alkaline Phosphatase	Chemistry Analyzer	IU/L	As Reported	242.0
ALT (SGPT)	Chemistry Analyzer	IU/L	As Reported	18.0
AST (SGOT)	Chemistry Analyzer	IU/L	As Reported	118.0
Bilirubin	Chemistry Analyzer	mg/dL	As Reported	0.1
Calcium	Chemistry Analyzer	mg/dL	As Reported	13.6
Cholesterol	Chemistry Analyzer	mg/dL	As Reported	34.0
Chloride	Chemistry Analyzer	mEq/L	As Reported	96.0
Creatinine	Chemistry Analyzer	mg/dL	As Reported	2.7
GGT	Chemistry Analyzer	IU/L	As Reported	2.0
Glucose	Chemistry Analyzer	mg/dL	As Reported	174.0
Hemoglobin	USP <90>	mg/dL	≤ 50	23.55
IgG	ELISA	mg/L	As Reported	95.5
Iron	Chemistry Analyzer	ug/dL	As Reported	189.0
LDH	Chemistry Analyzer	IU/L	As Reported	868.0
Magnesium	Chemistry Analyzer	mEq/L	As Reported	2.7
Osmolality	Osmometer	mOsm/kg H ₂ O	As Reported	311.0
pH	pH Meter		As Reported	7.2
Phosphorus	Chemistry Analyzer	mg/dL	As Reported	10.8
Potassium	Chemistry Analyzer	mEq/L	As Reported	15.0
Sodium	Chemistry Analyzer	mEq/L	As Reported	134.0
Total Protein	Chemistry Analyzer	g/dL	As Reported	3.7
Triglyceride	Chemistry Analyzer	mg/dL	As Reported	84.0
Urea Nitrogen (BUN)	Chemistry Analyzer	mg/dL	As Reported	17.0
Uric Acid	Chemistry Analyzer	mg/dL	As Reported	2.9

Microbiological Parameters

Test	Methodology	Unit of Measure	Specification	Results
Endotoxin	LAL	EU/mL	≤ 20	1.40
Mycoplasma	PCR		Not Detected	Not Detected
Sterility				
Bacteria	9CFR 113.26		No Growth	No Growth
Fungi	9CFR 113.26		No Growth	No Growth

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Antibiotic

Test	Unit of Measure	Specification	Results
Tetracycline	ng/ml	As Reported	<1.0

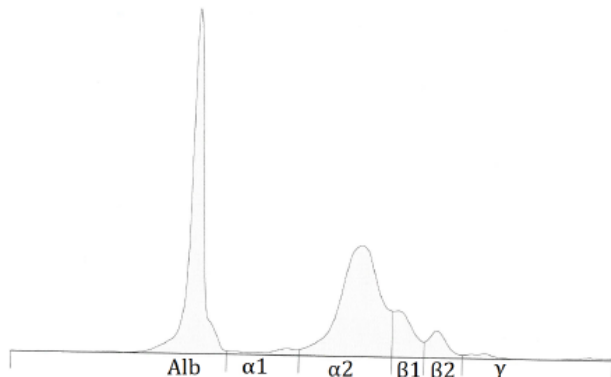
Viral Testing

Test	Methodology	Specification	Results
Blue Tongue	9CFR 113.53, 113.46, 113.47	Not Detected	Not Detected
Bovine Adeno 3	9CFR 113.53, 113.46, 113.47	Not Detected	Not Detected
Bovine Adeno 5	9CFR 113.53, 113.46, 113.47	Not Detected	Not Detected
BPV	9CFR 113.53, 113.46, 113.47	Not Detected	Not Detected
BRSV	9CFR 113.53, 113.46, 113.47	Not Detected	Not Detected
BVD, Cytopathic	9CFR 113.53, 113.46, 113.47	As Reported	Not Detected
BVD, Non-Cytopathic	9CFR 113.53, 113.46, 113.47	As Reported	Tested
Cytopathic (IBR)	9CFR 113.53, 113.46, 113.47	Not Detected	Not Detected
Hemadsorbing (PI3)	9CFR 113.53, 113.46, 113.47	Not Detected	Not Detected
Rabies	9CFR 113.53, 113.46, 113.47	Not Detected	Not Detected
REO Virus	9CFR 113.53, 113.46, 113.47	Not Detected	Not Detected

Protein Electrophoresis

Test	Unit of Measure	Specification	Results
Albumin	g/dL	As Reported	1.50
Alpha Globulins	g/dL	As Reported	1.60
Beta Globulins	g/dL	As Reported	0.50
Gamma Globulins	g/dL	As Reported	0.10

Profile Electrophoreses



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Hormone Panel

Test	Unit of Measure	Specification	Results
T3	ng/dL	As Reported	226.0
T4	ug/dL	As Reported	13.0

Test results reviewed and approved by*



July 21, 2021

Approved by/Date



July 21, 2021

Verify by/Date

** 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.*