

NEUROMICS

CERTIFICATE OF ANALYSIS

Dialyzed Fetal Bovine Serum

Batch/Lot No:	N25G51-D	Expiration Date:	July 2030
Catalog No:	FBS005-D	Storage:	≤ -10°C
Country of Raw Material Origin:	Guatemala	Appearance:	Clear straw to amber liquid
Country of Final Manufacturing:	United States	Filtration:	Sterile Filtered
Date of Manufacture:	July 2025		

Chemical Parameters

Test	Methodology	Unit of Measure	Specification	Results
Alkaline Phosphatase	Chemistry Analyzer	IU/L	As Reported	288
ALT (SGPT)	Chemistry Analyzer	IU/L	As Reported	7
AST (SGOT)	Chemistry Analyzer	IU/L	As Reported	51
Bilirubin	Chemistry Analyzer	mg/dL	As Reported	0.1
Calcium	Chemistry Analyzer	mg/dL	As Reported	2.9
Cholesterol	Chemistry Analyzer	mg/dL	As Reported	42
Chloride	Chemistry Analyzer	mEq/L	As Reported	>140
Creatinine	Chemistry Analyzer	mg/dL	As Reported	0.2
GGT	Chemistry Analyzer	IU/L	As Reported	5
Glucose	Chemistry Analyzer	mg/dL	As Reported	4
Hemoglobin	USP <90>	mg/dL	As Reported	7.03
IgG	ELISA	mg/L	As Reported	147.5
Iron	Chemistry Analyzer	ug/dL	As Reported	173
LDH	Chemistry Analyzer	IU/L	As Reported	433
Magnesium	Chemistry Analyzer	mEq/L	As Reported	0.4
Osmolality	Osmometer	mOsm/kg H2O	As Reported	304
pH	pH Meter		As Reported	7.1
Phosphorus	Chemistry Analyzer	mg/dL	As Reported	0.4
Potassium	Chemistry Analyzer	mEq/L	As Reported	<1.5
Sodium	Chemistry Analyzer	mEq/L	As Reported	161
Total Protein	Chemistry Analyzer	g/dL	As Reported	3.8
Triglyceride	Chemistry Analyzer	mg/dL	As Reported	<9
Urea Nitrogen (BUN)	Chemistry Analyzer	mg/dL	As Reported	<2
Uric Acid	Chemistry Analyzer	mg/dL	As Reported	<0.2

Microbiological Parameters

Test	Methodology	Unit of Measure	Specification	Results
Endotoxin	LAL	EU/mL	≤10	6.54
Sterility	PCR		As Reported	Not Detected
Sterility				
Bacteria	9CFR 113.26		No Growth	No Growth
Fungi	9CFR 113.26		No Growth	No Growth

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Protein Electrophoresis

Test	Unit of Measure	Specification	Results
Albumin	g/dL	As Reported	1.80
Alpha Globulins	g/dL	As Reported	1.70
Beta Globulins	g/dL	As Reported	0.20
Gamma Globulins	g/dL	As Reported	0.00

Hormone Panel

Test	Unit of Measure	Specification	Results
Cortisol	ug/dL	As Reported	0.229
Insulin	uIU/mL	As Reported	<2.36
Progesterone	ng/mL	As Reported	<0.06
T3	ng/dL	As Reported	86.6
T4	ug/dL	As Reported	13.2
Testosterone	ng/mL	As Reported	<0.0.1

Viral Testing

Test	Methodology	Specification	Results
Bluetongue virus	9CFR 113.53, 113.46, 113.47	As Reported	Not Detected
Bovine Adenovirus 1	9CFR 113.53, 113.46, 113.47	As Reported	Not Detected
Bovine Adenovirus 3	9CFR 113.53, 113.46, 113.47	As Reported	Not Detected
Bovine Adenovirus 5	9CFR 113.53, 113.46, 113.47	As Reported	Not Detected
BPV	9CFR 113.53, 113.46, 113.47	As Reported	Not Detected
BRSV	9CFR 113.53, 113.46, 113.47	As Reported	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	Detected
Cytopathic (IBR)	9CFR 113.53, 113.46, 113.47	As Reported	Not Detected
Hemadsorbing (PI3)	9CFR 113.53, 113.46, 113.47	As Reported	Not Detected
Rabies	9CFR 113.53, 113.46, 113.47	As Reported	Not Detected
REO Virus	9CFR 113.53, 113.46, 113.47	As Reported	Not Detected

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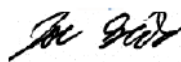
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Test results reviewed and approved by*



August 11, 2025

Approved by/Date



August 11, 2025

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.*