

CERTIFICATE OF ANALYSIS

Stasis[™] Fetal Bovine Serum

(Catalog Number 100-125)

Lot Number: A423012

Date of Manufacture: Feb2022

Product Expiry: Feb2027

Origin: Nicaragua

Storage Temperature: ≤ -10°C

For Cell culture, Further Manufacturing or Research use Only. Not for Direct Therapeutic Use.

Product Description: Stasis™ Fetal Bovine Serum is sterile-filtered through a 0.1 μm filter prior to freezing.

Biological Testing	Test	Methodology	Specification	Analysis
Hemoglobin USP<90> <20.0 mg/dL 14.6 mg/dL Microbiological Testing Sterility 9CFR 113.26 Bacteria No Growth No Growth Fungi No Detected Not Detected Mycoplasma PCR Not Detected Extraneous Viruses (FAb) Bluetongue Virus Not Detected Not Detected Not Detected Bovine Adenovirus Not Detected Not Detected Not Detected Bovine Parvovirus Not Detected Not Detected Not Detected Bovine Respiratory Syncytial Virus Not Detected Not Detected Rabies Virus Not Detected Not Detected Not Detected Reovirus Not Detected	Biological Testing		1	
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Sterility 9CFR 113.26 Bacteria No Growth Fungi No Growth No Growth Fungi No Growth No Growth No Growth Mycoplasma PCR Not Detected Not Detected Not Detected Not Detected Not Detected Not Detected Hemadsorbing Agents Not Detected Not Detected Extraneous Viruses (FAb) Bluetongue Virus Not Detected Not D	Hemoglobin	USP<90>	<20.0 mg/dL	14.6 mg/dL
Sterility 9CFR 113.26 Bacteria No Growth No Growth Fungi No Growth No Growth No Growth No Growth No Growth Mycoplasma PCR Not Detected Not Detected Not Detected Not Detected Not Detected Hemadsorbing Agents Not Detected Not Detected Extraneous Viruses (FAb) Bluetongue Virus Not Detected N	Batanakialaninal Wantin			
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Reovirus Not Detected Not De	Bovine Respiratory Syncyt	ial Virus	Not Detected	Not Detected
Physical Testing Electrophoretic Pattern Cellulose Acetate Normal Normal Osmolality 260 – 350 mOsm/kg 302 mOsm/kg pH 6.5 – 8.5 7.6 Biochemistry Albumin Test and Report 1.8 g/dL Alkaline Phosphatase Test and Report 393 IU/L ALT (SGPT) Test and Report 9 IU/L AST (SGOT)	Rabies Virus		Not Detected	Not Detected
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Electrophoretic Pattern Osmolality pH Biochemistry Albumin Alkaline Phosphatase ALT (SGPT) AST (SGOT) Cellulose Acetate Normal Normal Normal 100				
Osmolality pH 260 – 350 mOsm/kg 6.5 – 8.5 7.6 Biochemistry Albumin Alkaline Phosphatase ALT (SGPT) AST (SGOT) 260 – 350 mOsm/kg 302 mOsm/kg 7.6 Test and Report 1.8 g/dL 7 est and Report 393 IU/L 7 est and Report 9 IU/L 7 est and Report	-	Callulana Anatota	M1	Mannal
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Biochemistry Albumin Test and Report 1.8 g/dL Alkaline Phosphatase Test and Report 393 IU/L ALT (SGPT) Test and Report 9 IU/L AST (SGOT) Test and Report 56 IU/L			· •	
Albumin Test and Report 1.8 g/dL Alkaline Phosphatase Test and Report 393 IU/L ALT (SGPT) Test and Report 9 IU/L AST (SGOT) Test and Report 56 IU/L	рн		6.5 – 8.5	7.6
Albumin Test and Report 1.8 g/dL Alkaline Phosphatase Test and Report 393 IU/L ALT (SGPT) Test and Report 9 IU/L AST (SGOT) Test and Report 56 IU/L	Biochemistry			
Alkaline Phosphatase Test and Report 393 IU/L ALT (SGPT) Test and Report 9 IU/L AST (SGOT) Test and Report 56 IU/L	-		Test and Report	1.8 g/dL
ALT (SGPT) Test and Report 9 IU/L AST (SGOT) Test and Report 56 IU/L	Alkaline Phosphatase		•	
AST (SGOT) Test and Report 56 IU/L			•	·
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GGT <10 U/L 5.0 IU/L	GGT		<10 U/L	5.0 IU/L



CERTIFICATE OF ANALYSIS

StasisTM Fetal Bovine Serum

(Catalog Number 100-125)

Lot Number: A423012

Test	Methodology	Specification	Analysis
Bilirubin, Total		Test and Report	0.1 mg/dL
BUN		Test and Report	19.0 mg/dL
Calcium		Test and Report	13.9 mg/dL
Chloride		Test and Report	100.0 mEq/L
Cholesterol		Test and Report	33.0 mg/dL
Cortisol		Test and Report	<0.20 μg/dL
Creatinine		Test and Report	2.8 mg/dL
Glucose		Test and Report	44.0 mg/dL
lgG	ELISA	<0.300 mg/mL*	<0.079 mg/ml
Insulin		Test and Report	8.86 uIU/mL
Iron, Serum		Test and Report	166.0 μg/dL
Phosphorus		Test and Report	8.2 mg/dL
Potassium		Test and Report	10.6 mEq/L
Progesterone		Test and Report	<0.06 ng/mL
Protein, Total		2.5 - 6.0 g/dL	3.7 g/dL
Sodium		Test and Report	138.0 mEq/L
Testosterone		Test and Report	<0.01 ng/mL
T3		Test and Report	54.5 ng/dL
T4		Test and Report	15.6 μg/dL
Triglycerides		Test and Report	52.0 mg/dL
Uric Acid		Test and Report	1.0 mg/dL

Our fetal bovine serum meets all USDA requirements and has passed ante and post-mortem inspection by a licensed veterinarian. It is collected in countries recognized as being free of foot-and-mouth disease and rinderpest. The origin of all fetal bovine serum is traceable by lot number, date, and country of collection. Precipitates may develop in this product upon freezing and/or thawing; this occurrence does not impact culture performance. *Some geographic regions may test higher than 0.300 mg/mL. If this be the case, refer to GGT results less than 10 U/L to ensure FBS purity.

The testing that has been performed as part of this lot release has been reviewed by Quality Assurance personnel and has confirmed that the testing meets the specifications presented on this Certificate of Analysis.

Name Wilson

Date

Title