caisson
LABS

CERTIFICATE OF ANALYSIS

Product Name: **Fetal Bovine Serum**
U.S. Origin
Triple 0.1µm Sterile Filtered

Catalog Number: FBL01
Lot Number: 09182009

Storage: -40 to -5°C
Manufacture Date: AUG-2018
Retest Date: 31-AUG-2023

Test	Result
Cytotoxicity	Pass
Endotoxin	< 0.1 EU/mL
Mycoplasma	Negative
Osmolality	293 mOsm/Kg
pH	7.04
Sterility Testing	Pass
Growth Promotion	Pass
Cortisol	0.419 µg/dL
Estradiol	37.7 pg/mL
Insulin	6.97 µIU/mL
Progesterone	< 0.1 ng/mL
Testosterone	< 0.01 ng/mL
T3	173 ng/dL
T4	17.0 µg/dL
ALP	230 IU/L
ALT (SGPT)	4 IU/L
AST (SGOT)	40 IU/L
Bilirubin	0.3 mg/dL
Urea Nitrogen (BUN)	15 mg/dL
Calcium	13.0 mg/dL
Chloride	97 mEq/L
Cholesterol	25 mg/dL
Creatinine	2.7 mg/dL
Glucose	127 mg/dL
Hemoglobin	8.69 mg/dL

Test	Result
GGT	5 IU/L
IgG	15.26 mg/dL
Iron	177 µg/dL
Magnesium	3.1 mg/dL
Phosphorous	9.8 mg/dL
Potassium	> 10.0 mEq/L
Sodium	135 mEq/L
Triglyceride	66 mg/dL
Uric Acid	3.2 mg/dL
Albumin	2.0 g/dL
Alpha Globulins	1.2 g/dL
Beta Globulins	0.3 g/dL
Gamma Globulins	0.1 g/dL
Total Protein	3.5 g/dL

ViralTesting	Result
Bluetongue	Not Detected
Bovine Adenovirus-1	Not Detected
Bovine Adenovirus-5	Not Detected
Bovine Parvovirus	Not Detected
Bovine Syncytial Virus	Not Detected
Bovine Viral Diarrhea	Not Detected
IBR	Not Detected
PI3	Not Detected
Rabies	Not Detected
Reovirus	Not Detected

Results shown were obtained by carefully performed methods believed to be reliable. However, it is suggested that tests for which results are particularly important be repeated by the user of this product, since some results may vary for specific tests depending upon methodology and other variables. Precipitates may develop in this product upon freezing and/or thawing; this occurance does not impact culture performance.

This Product is Intended for Laboratory Use Only

Prepared By:

Aaron Dryden 9/25/2018
Quality Control

Reviewed by:

BK

836 South 100 East
Smithfield, Utah 84335

Phone: 435 755 7615
Fax: 435 755 7617

Toll Free: 877 840 0500
www.caissonlabs.com