



CERTIFICATE OF ANALYSIS

FETAL BOVINE SERUM, *PREMIUM, HEAT INACTIVATED, STERILE*

Catalogue no.: 080450, 080410, 080405

MSDS: Available upon request

Lot no.: 115751

Shipping: Frozen on dry ice

Mfg. Date: 08/2022

Storage: Store frozen at -10 to -18°C

Exp. Date: 08/2027

CHEMICAL ANALYSIS

TEST	SPECIFICATION	UNITS	RESULTS
ALP	Check & Record	U/L	338.00
ALT	Check & Record	U/L	7.00
AST	<50	U/L	48.00
Calcium	Check & Record	mg/dL	14.90
Cholesterol	10 -60	mg/dL	37.00
Chloride	Check & Record	mEq/L	106.00
Creatinine	1.6 - 4.3	mg/dL	3.00
GGT	Check & Record	U/L	7.00
Glucose	50 - 200	mg/dL	74.00
Iron	100 - 300	µg/dL	177.00
LDH	Check & Record	U/L	622
Osmolality	260-340	mOsm/kg	317
pH	6.5 -8.5	NA	7.45
Phosphorus	1.0 - 12	mg/dL	9.30
Potassium	Check & Record	mEq/L	11.1

CHEMICAL ANALYSIS

TEST	SPECIFICATION	UNITS	RESULTS
Sodium	Check & Record	mEq/L	143.00
Total Protein (Biuret)	3.2 – 4.5	g/dL	3.90
Total Bilirubin	0.1 – 1.0	mg/dL	0.21
Triglyceride	Check & Record	mg/dL	62.00
Urea	Check & Record	mg/dL	37.00
Uric Acid	Check & Record	mg/dL	1.60

MICROBIOLOGICAL ANALYSIS

TEST	SPECIFICATION	UNITS	RESULTS
Endotoxin	<1	EU/mL	< 0.2
Hemoglobin	<25.0	mg/dL	11.81
Mycoplasma Species	Negative	NA	Negative
Sterility	Pass	NA	Sterile

HORMONES ANALYSIS

TEST	SPECIFICATION	UNITS	RESULTS
T3	As Reported	ng/dL	2.92
T4	As Reported	ng/dL	1.81
Estradiol	As Reported	pg/ml	2.99
Progesterone	As Reported	ng/dL	15.72
Testosterone	As Reported	ng/mL	0.256

VIRAL TESTING

TEST	SPECIFICATION	RESULTS
Bovine viral diarrhea (BVD)	As Reported	Detected
Blue tongue	Not Detected	Not Detected
Bovine Edeno 1	Not Detected	Not Detected
Bovine Adeno 5	Not Detected	Not Detected
BPV	Not Detected	Not Detected
Hemadsorbing (PI3)	Not Detected	Not Detected
Rabies	Not Detected	Not Detected
REO Virus	Not Detected	Not Detected
Infectious Bovine Rhinotracheitis (IBR)	Not Detected	Not Detected
Bovine Respiratory Syncytial Virus (BRSV)	Not Detected	Not Detected

SERUM PROTEIN ELECTROPHORESIS

TEST	SPECIFICATION	UNITS	RESULTS
Albumin	1.6 - 2.8	g/L	1.82
Alpha 1 Globulin	Check & Record	g/L	1.29
Beta Globulin	Check & Record	g/L	0.72
Gamma Globulin	Check & Record	g/L	0.09
IgG	Check & Record	Mg/L	134.3

THIS PRODUCT IS INTENDED FOR IN VITRO DIAGNOSTIC USE ONLY. IT IS NOT INTENDED FOR HUMAN OR THERAPEUTIC USE.