

FETAL BOVINE SERUM, *PERFORMANCE, STERILE***Catalogue no.:** 098150, 098110, 098105**MSDS:** Available upon request**Lot no.:** 185750**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
ALT	Check & Record	U/L	8.00
AST	<50	U/L	25.00
Calcium	Check & Record	mg/dL	13.70
Cholesterol	10 -60	mg/dL	33.00
Creatinine	1.6 - 4.3	mg/dL	2.80
Glucose	50 - 200	mg/dL	59.00
Iron	100 - 300	µg/dL	169.0
Magnesium	Check & Record	mmol/L	1.59
Osmolality	260-340	mOsm/kg	303
pH	6.5 -8.5	NA	7.39
Phosphorus	1.0 - 12	mg/dL	8.40
Potassium	Check & Record	mEq/L	9.70
Sodium	Check & Record	mEq/L	136.0
Total Protein (Biuret)	3.2 - 4.5	g/dL	3.66
Total Bilirubin	0.1 - 1.0	mg/dL	0.15
Urea	Check & Record	mg/dL	35.00

MICROBIOLOGICAL ANALYSIS

TEST	SPECIFICATION	UNITS	RESULTS
Endotoxin	<10	EU/mL	0.492
Hemoglobin	<25.0	mg/dL	12.24
Mycoplasma Species	Negative	NA	Negative
Sterility	Pass	NA	Sterile

VIRAL TESTING

TEST	SPECIFICATION	RESULTS
Bovine viral diarrhea (BVD) Cytopathic	Not Detected	Not Detected
Bovine viral diarrhea (BVD) Non-Cytopathic	Not Detected	Not 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	16 – 28	g/L	17.3
Alpha 1 Globulin	Check & Record	g/L	17.1
Beta Globulin	Check & Record	g/L	2.0
Gamma Globulin	Check & Record	g/L	0.1
IgG	Check & Record	ug/ml	92.3

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