

FETAL BOVINE SERUM, *HEAT INACTIVATED, PREMIUM, STERILE***Catalogue no.:** 090450, 090410, 090405**MSDS:** Available upon request**Lot no.:** 112740**Shipping:** Frozen on dry ice**Mfg. Date:** 10/2021**Storage:** Store frozen at -10 to -18°C**Exp. Date:** 10/2026**CHEMICAL ANALYSIS**

TEST	SPECIFICATION	UNITS	RESULTS
ALT	Check & Record	U/L	7.00
ALP	< 700	U/L	163.00
AST	<50	U/L	29.33
Bilirubin (Total)	0.1 – 1.0	mg/dL	0.52
Calcium	Check & Record	mg/dL	12.57
Chloride	Check & Record	mmol/L	102.30
Cholesterol	10 -60	mg/dL	26.81
CK	Check & Record	U/L	203.00
Creatinine	1.6 – 4.3	mg/dL	2.60
GLDH	Check & Record	U/L	5.00
Globulin	Check & Record	g/dL	1.57
Glucose	50 - 200	mg/dL	64.87

CHEMICAL ANALYSIS (contd.)

TEST	SPECIFICATION	UNITS	RESULTS
BHB	INFO	μmol/L	<100
Iron	100 - 300	μg/dL	174.14
Lactic Dehydrogenase (LDH)	< 1500	U/L	402.00
Osmolality	280 - 320	mOsm/kg	312
pH	6.9-7.7	NA	7.51
Magnesium	INFO	mmol/L	1.11
Phosphorus	1.0 – 12	mg/dL	11.03
Potassium	8 – 14	mmol/L	9.41
Sodium	125 – 150	mmol/L	139.10
Total Protein (Biuret)	3.2 – 4.5	g/dL	3.39
Triglycerides (TG)	Check & Record	mmol/L	0.52
Uric Acid	INFO	mg/dL	2.09
Urea	1.61-6.51	mmol/L	4.37

MICROBIOLOGICAL ANALYSIS

TEST	SPECIFICATION	UNITS	RESULTS
Endotoxin	<1	EU/mL	0.440
Hemoglobin	<25.0	mg/dL	21.39
Mycoplasma Species	Negative	NA	Negative
Sterility	Pass	NA	Sterile

ANTIBODY VIRUS NEUTRALIZATION

TEST	SPECIFICATION	RESULTS
Para Influenza 3 (PI-3)	Negative	Negative
Fievre Q	Negative	Negative
Bovine viral diarrhea (BVD)	Negative	Negative
Infectious Bovine Rhinotracheitis (IBR)	Negative	Negative
Bovine Respiratory Syncytial Virus (BRSV)	Negative	Negative

HORMONES ANALYSIS

TEST	SPECIFICATION	UNITS	RESULTS
Insulin	Check & Record	pmol/L	39.45
	Estrus:10-40		
Estradiol	Pregnancy 6 months or less: < 20	pg/ml	Not tested
	Pregnancy 9 month: > 50		

SERUM PROTEIN ELECTROPHORESIS

TEST	SPECIFICATION	UNITS	RESULTS
Albumin	1.6 – 2.8	g/dL	1.80
Alpha 1 Globulin	Check & Record	g/dL	1.25
Beta Globulin	Check & Record	g/dL	0.28
Gamma Globulin	Check & Record	g/dL	0.07
A/G ratio	Check & Record	-----	1.13

This is to certify that Fetal Bovine Serum lot 112740 was collected in Canada.

This will further certify that the fetal serum bovine blood originating at the packing house is prepared from livestock receiving ante-mortem and post-mortem inspection by a veterinarian of CFIA.

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