

Fetal Bovine Serum, *HEAT INACTIVATED, PREMIUM, Sterile***Catalogue no.:** 090450, 090410, 090405**MSDS:** Available upon request**Lot no.:** 112755**Shipping:** Frozen on dry ice**Mfg. Date:** 05/2023**Storage:** Store frozen at -10 to -18°C**Exp. Date:** 05/2028**CHEMICAL ANALYSIS**

TEST	SPECIFICATION	UNITS	RESULTS
ALT	Check & Record	U/L	8.70
ALP	< 700	U/L	138.66
AST	<50	U/L	19.00
Bilirubin (Total)	0.1 – 1.0	mg/dL	0.24
Calcium	Check & Record	mg/dL	12.38
Chloride	Check & Record	mmol/L	104.03
Cholesterol	10 -60	mg/dL	24.49
CK	Check & Record	U/L	53.00
Creatinine	1.6 – 4.3	mg/dL	3.16
GLDH	Check & Record	U/L	10.00
Globulin	Check & Record	g/dL	1.65
Glucose	50 - 200	mg/dL	103.92

CHEMICAL ANALYSIS (contd.)

TEST	SPECIFICATION	UNITS	RESULTS
BHB	INFO	μmol/L	126.67
Iron	100 - 300	μg/dL	177.27
Lactic Dehydrogenase (LDH)	< 1500	U/L	388.67
Osmolality	280 - 320	mOsm/kg	317
pH	6.9-7.7	NA	7.39
Magnesium	INFO	mmol/L	1.11
Phosphorus	1.0 – 12	mg/dL	11.12
Potassium	8 – 14	mmol/L	9.31
Sodium	125 – 150	mmol/L	141.5
Total Protein (Biuret)	3.2 – 4.5	g/dL	3.51
Triglycerides (TG)	Check & Record	mmol/L	0.44
Uric Acid	INFO	mg/dL	2.86
Urea	1.61-6.51	mmol/L	4.57

MICROBIOLOGICAL ANALYSIS

TEST	SPECIFICATION	UNITS	RESULTS
Endotoxin	<1	EU/mL	0.443
Hemoglobin	<25.0	mg/dL	19.50
Mycoplasma Species	Negative	NA	Negative
Sterility	Pass	NA	Sterile

ANTIBODY VIRUS NEUTRALIZATION

TEST	SPECIFICATION	RESULTS
Para Influenza 3 (PI-3)	Negative	Negative
Fiebre Q	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	49.63
	Estrus:10-40		
Estradiol	Pregnancy 6 months or less: < 20	pg/ml	NA
	Pregnancy 9 month: > 50		

SERUM PROTEIN ELECTROPHORESIS

TEST	SPECIFICATION	UNITS	RESULTS
Albumin	1.6 – 2.8	g/dL	1.88
Alpha 1 Globulin	Check & Record	g/dL	1.32
Beta Globulin	Check & Record	g/dL	0.25
Gamma Globulin	Check & Record	g/dL	0.69
A/G ratio	Check & Record	-----	1.16

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