

Fetal Bovine Serum, *HEAT INACTIVATED, PREMIUM, Sterile***Catalogue no.:** 090450, 090410, 090405**MSDS:** Available upon request**Lot no.:** 112748**Shipping:** Frozen on dry ice**Mfg. Date:** 06/2022**Storage:** Store frozen at -10 to -18°C**Exp. Date:** 07/2027**CHEMICAL ANALYSIS**

TEST	SPECIFICATION	UNITS	RESULTS
ALT	Check & Record	U/L	7.33
ALP	< 700	U/L	139.67
AST	<50	U/L	19.67
Bilirubin (Total)	0.1 – 1.0	mg/dL	0.42
Calcium	Check & Record	mg/dL	12.51
Chloride	Check & Record	mmol/L	106.9
Cholesterol	10 -60	mg/dL	26.94
CK	Check & Record	U/L	62.00
Creatinine	1.6 – 4.3	mg/dL	3.24
GLDH	Check & Record	U/L	8.67
Globulin	Check & Record	g/dL	1.46
Glucose	50 - 200	mg/dL	112.93

CHEMICAL ANALYSIS (contd.)

TEST	SPECIFICATION	UNITS	RESULTS
BHB	INFO	μmol/L	<100
Iron	100 - 300	μg/dL	177.83
Lactic Dehydrogenase (LDH)	< 1500	U/L	337.67
Osmolality	280 - 320	mOsm/kg	310
pH	6.9-7.7	NA	7.35
Magnesium	INFO	mmol/L	1.11
Phosphorus	1.0 – 12	mg/dL	11.58
Potassium	8 – 14	mmol/L	9.41
Sodium	125 – 150	mmol/L	143.87
Total Protein (Biuret)	3.2 – 4.5	g/dL	3.35
Triglycerides (TG)	Check & Record	mmol/L	0.43
Uric Acid	INFO	mg/dL	2.69
Urea	1.61-6.51	mmol/L	4.02

MICROBIOLOGICAL ANALYSIS

TEST	SPECIFICATION	UNITS	RESULTS
Endotoxin	<1	EU/mL	0.663
Hemoglobin	<25.0	mg/dL	19.51
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	34.79
	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	1.78
Alpha 1 Globulin	Check & Record	g/dL	1.24
Beta Globulin	Check & Record	g/dL	0.26
Gamma Globulin	Check & Record	g/dL	0.07
A/G ratio	Check & Record	-----	1.13

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