

Fetal Bovine Serum, Premium, Tetracycline Free, Sterile**Catalogue no.:** 081150, 081110, 081105**MSDS:** Available upon request**Lot no.:** 145727**Shipping:** Frozen on dry ice**Mfg. Date:** 03/2020**Storage:** Store frozen at -10 to -18°C**Exp. Date:** 03/2025**CHEMICAL ANALYSIS**

TEST	SPECIFICATION	UNITS	RESULTS
ALT	Check & Record	U/L	8.33
ALP	< 700	U/L	180.33
AST	<60	U/L	26.67
BHB	Check & Record	umol/L	109.67
Bilirubin (Total)	0.1 – 1.0	mg/dL	0.50
Calcium	Check & Record	mg/dL	12.89
Chloride	Check & Record	mmol/L	100.33
Cholesterol	10 - 60	mg/dL	31.71
CK	Check & Record	U/L	121.33
Creatinine	1.6 – 4.3	mg/dL	2.21
GLDH	Check & Record	U/L	2.00
Globulin	Check & Record	g/dL	1.61
Glucose	50 - 200	mg/dL	99.11

CHEMICAL ANALYSIS (contd.)

TEST	SPECIFICATION	UNITS	RESULTS
Iron	100 – 300	µg/dL	155.14
Lactic Dehydrogenase (LDH)	< 1500	U/L	323.33
Magnesium	Check & Record	mmol/L	1.23
Osmolality	280 - 320	mOsm/kg	304
pH	6.8-7.7	NA	7.28
Phosphorus	1.0 – 12	mg/dL	11.86
Potassium	8 – 14	mmol/L	10.47
Sodium	125 – 150	mmol/L	137.53
Total Protein (Biuret)	3.2 – 4.5	g/dL	3.39
Triglycerides (TG)	Check & Record	mmol/L	0.68
Uric Acid	Check & Record	mg/dL	2.47
Urea	1.61-6.51	mmol/L	4.68

MICROBIOLOGICAL ANALYSIS

TEST	SPECIFICATION	UNITS	RESULTS
Endotoxin	<1	EU/mL	<1
Hemoglobin	<25.0	mg/dL	24.15
Tetracycline	<100	ng/ml	<2
Mycoplasma Species	Negative	NA	Negative
Sterility	Pass	NA	Sterile

ANTIBODY VIRUS NEUTRALIZATION

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

HORMONES ANALYSIS

TEST	SPECIFICATION	UNITS	RESULTS
Insulin	Check & Record	pmol/L	14.58
	Estrus:10-40		
Estradiol	Pregnancy 6 months or less: < 20	pg/ml	36.41
	Pregnancy 9 month: > 50		

SERUM PROTEIN ELECTROPHORESIS

TEST	SPECIFICATION	UNITS	RESULTS
Albumin	1.6 – 2.8	g/dL	1.69
Alpha 1 Globulin	Check & Record	g/dL	1.33
Beta Globulin	Check & Record	g/dL	0.28
Gamma Globulin	Check & Record	g/dL	0.06
A/G ratio	Check & Record	-----	1.02

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