CERTIFICATE OF ANALYSIS

FETAL BOVINE SERUM, *PERFORMANCE, STERILE*

Catalogue no.: 098150, 098110, 098105

Lot no.: 185735

Mfg. Date: 12/2020

Exp. Date: 12/2025

MSDS: Available upon request

Shipping: Frozen on dry ice

Storage: Store frozen at –10 to -18°C

CHEMICAL ANALYSIS

TEST	SPECIFICATION	UNITS	RESULTS
ALT	Check & Record	U/L	6.67
ALP	< 700	U/L	150.0
AST	<60	U/L	54.33
Calcium	Check & Record	mg/dL	11.57
Chloride	Check & Record	mmol/L	94.4
Cholesterol	10 -60	mg/dL	25.39
CK	Check & Record	U/L	432.67
Creatinine	1.6 – 4.3	mg/dL	2.45
GLDH	Check & Record	U/L	2.66
Globulin	Check & Record	g/dL	1.34
Glucose	50 - 200	mg/dL	81.09

Contact: technicalsupport@wisent.ca
1-888-WISENT-1
www.wisentbioproducts.com

CHEMICAL ANALYSIS (contd.)

TEST	SPECIFICATION	UNITS	RESULTS
Iron	100 – 300	µg/dL	126.18
BHB	INFO	µmol/L	105.0
Lactic Dehydrogenase (LDH)	< 1500	U/L	451.0
Magnesium	Check & Record	mmol/L	1.07
Osmolality	280 - 320	mOsm/kg	285
pH	6.9-7.7	NA	7.37
Phosphorus	1.0 – 12	mg/dL	10.80
Potassium	8 – 15	mmol/L	10.18
Sodium	125 – 150	mmol/L	126.13
Total Protein (Biuret)	3.2 – 4.5	g/dL	3.25
Total Bilirubin	0.1 – 1.0	mg/dL	0.38
Uric Acid	INFO	mg/dL	2.18
Triglycerides (TG)	Check & Record	mmol/L	0.51
Urea	1.61-6.51	mmol/L	4.96

MICROBIOLOGICAL ANALYSIS

TEST	SPECIFICATION	UNITS	RESULTS
Endotoxin	<10	EU/mL	0.662
Hemoglobin	<35.0	mg/dL	25.48
Mycoplasma Species	Negative	NA	Negative
Sterility	Pass	NA	Sterile

ANTIBODY VIRUS NEUTRALIZATION

TEST	SPECIFICATION	RESULTS
ParaInfluenza type III (PI3)	Negative	Negative
Fievre 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	12.27
Estradiol	Estrus:10-40 Pregnancy 6 months or less: < 20 Pregnancy 9 month: > 50	pg/ml	20.26

SERUM PROTEIN ELECTROPHORESIS

TEST	SPECIFICATION	UNITS	RESULTS
Albumin	1.6 – 2.8	g/dL	1.89
Alpha 1 Globulin	Check & Record	g/dL	1.11
Beta Globulin	Check & Record	g/dL	0.26
Gamma Globulin	Check & Record	g/dL	0.06
A/G ratio	Check & Record	-----	1.33

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