

NEWBORN CALF SERUM, *IRON FORTIFIED, STERILE FILTERED***Catalogue no.:** 075350, 075310, 075305**Lot no.:** 87291**Exp. Date:** 05/2026**MSDS:** Available upon request**Shipping:** Frozen on dry ice**Storage:** Store frozen at -20°C**CHEMICAL ANALYSIS**

TEST	SPECIFICATION	UNITS	RESULTS
Albumin	Check & Record	g/dL	2.90
ALT	Check & Record	U/L	23.00
ALP	< 700	U/L	171.0
AST	<50	U/L	82.00
Bilirubin (Total)	0.1 – 1.0	mg/dL	1.10
Calcium	Check & Record	mg/dL	10.1
Chloride	Check & Record	mmol/L	94.00
Cholesterol	Check & Record	mg/dL	50.00
Creatinine	Check & Record	mg/dL	1.00
GGT	Check & Record	U/L	298.00
Glucose	50 - 200	mg/dL	64.00
Hemoglobin	≤30	mg/dL	11.91
Iron	Check & Record	µg/dL	647.82
Lactic Dehydrogenase (LDH)	< 1500	U/L	797.0

CHEMICAL ANALYSIS (contd.)

TEST	SPECIFICATION	UNITS	RESULTS
Magnesium	Check & Record	mmol/L	1.70
Osmolality	270 - 320	mOsm/kg	279
pH	6.8-8.4	NA	8.33
Phosphorus	1.0 – 12	mg/dL	7.1
Potassium	Check & Record	mmol/L	5.8
Sodium	125 – 150	mmol/L	138.0
Total Protein (Biuret)	5.3 -8.00	g/dL	5.60
Triglycerides (TG)	Check & Record	mmol/L	25.00
Uric Acid	Check & Record	mg/dL	0.7
Urea	1.61-6.51	mg/dL	17.0

MICROBIOLOGICAL ANALYSIS

TEST	METHODOLOGY	SPECIFICATION	UNITS	RESULTS
Sterility				
Bacteria	9CFR113.26	No Growth	NA	No Growth
Fungi	9CFR113.26	No Growth	NA	No Growth
Mycoplasma	PCR	Not Detected	NA	Not Detected
Endotoxin	LAL	<10.0	EU/mL	0.77

CELL LINES TESTING

CELL LINE	METHODOLOGY	SPECIFICATION	UNITS	RESULTS
NCTC 929	Cell culture testing	Pass	NA	Pass

VIRAL TESTING

TEST	METHODOLOGY	SPECIFICATION	RESULTS
Bovine viral diarrhea (BVD)	9CFR113.53C, 113.46, 113.47	As Reported	Not Detected
Blue tongue	9CFR113.53C, 113.46, 113.47	Not Detected	Not Detected
Bovine Adeno 3	9CFR113.53C, 113.46, 113.47	Not Detected	Not Detected
Bovine Adeno 5	9CFR113.53C, 113.46, 113.47	Not Detected	Not Detected
BPV	9CFR113.53C, 113.46, 113.47	Not Detected	Not Detected
Hemadsorbing (PI3)	9CFR113.53C, 113.46, 113.47	Not Detected	Not Detected
Rabies	9CFR113.53C, 113.46, 113.47	Not Detected	Not Detected
REO Virus	9CFR113.53C, 113.46, 113.47	Not Detected	Not Detected
Infectious Bovine Rhinotracheitis (IBR)	9CFR113.53C, 113.46, 113.47	Not Detected	Not Detected
Bovine Respiratory Syncytial Virus (BRSV)	9CFR113.53C, 113.46, 113.47	Not Detected	Not Detected

Country of raw Material Origin: United-States

Country of Final Manufacturing: United-States

Age of Calves: Less than 14 days old

Appearance: Clear straw to amber liquid

Filtration: 0.2 um membrane filtered

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