

Certificate Analysis

Product name: FETAL BOVINE SERUM

Batch: 011/23 0000574867

Origin: Argentina

Sterile filtered

Manufacturing Date: 30 January 2023

Product Expiry date: 31 January 2027

Test	Specifications	Result
Appearance	Amber liquid	Complies
pH	6,80 – 8,20	7,81
Osmolarity	280-340	311 mOsm
Endotoxins	Value	No more tan 5 EU/ml
Hemoglobin	Value	21.4 mg/dl
Identity	Typical	Complies
Total protein	3g/dl – 4.50g/dl	3,64g/dl
Albumin	Value	1.83g/dl
α -Globulin	Value	1.31 g/dl
β -Globulin	Value	0.14 g/dl
γ -Globulin	Value	0.06 g/dl
IgG	Value	285 μ g/ml
Aerobic bacteria	Not detected	Complies
Anaerobic bacteria	Not detected	Complies
Fungi	Not detected	Complies

Mycoplasma	Not detected	Complies
Bovine Virus Diarrhoea Virus (BVD-V)	Not detected	Complies
Bovine Herpes Virus1 (BHV-1)	Not detected	Complies
Parainfluenza Type 3 (PI-3)	Not detected	Complies
BVD-1 Antibody titre	Not detected	Complies
BVD-2 Anitbody titre	Not detected	Complies
Growth promotion	Each lot of serum is tested for growth promotion and cytotoxicity. Growth promotion ability of serum is assessed by supplementing medium with 10% serum and analyzing the cell lines qualitatively for morphology and qualitatively by estimating cell counts through minimum three subcultures.	Complies

Status of the material : APPROVED