

## CERTIFICATE OF ANALYSIS

**Product:** FETAL BOVINE SERUM  
 Research Grade  
 Collected in South America  
 Processed in Filtration MFG country

**Lot #:** RK20240002

**Catalog #:** SV30160

**Manufacture date:** 01-FEB-2024

**Expiration date:** 28-FEB-2029

TEST	SPECIFICATION	UNITS	RESULTS
<b><u>1 GENERAL TESTING</u></b>			
Endotoxin	≤ 10	EU/mL	<0.200
Hemoglobin	≤ 25	mg/dL	14.22
Sterility (Bacteria and Fungi)	No Growth	-	No Growth
Mycoplasma	Not Detected	-	Not Detected
Total Protein	Test and Report	g/L	37.5
pH	Test and Report	-	7.55
Osmolality	Test and Report	mOsm/kg	317
Growth Promotion	Not Cytotoxic	-	Not Cytotoxic
Gamma Glutamyl Transferase	Test and Report	IU/L	7
<b><u>2 VIRUS TESTING</u></b>			
Bluetongue	Not Detected	-	Not Detected
Bovine Adenovirus	Not Detected	-	Not Detected
Bovine Parvo virus	Not Detected	-	Not Detected
Bovine Respiratory Syncytial Virus	Not Detected	-	Not Detected
Bovine Virus Diarrhea	Not Detected	-	Not Detected
Rabies	Not Detected	-	Not Detected
Reovirus	Not Detected	-	Not Detected
Cytopathogenic Agents - e.g. IBR	Not Detected	-	Not Detected
Hemadsorbing Agents - e.g. PI3	Not Detected	-	Not Detected

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TEST	SPECIFICATION	UNITS	RESULTS
<b><u>3 PROTEIN/OTHER</u></b>			
Albumin	Test and Report	g/L	17.9
Alkaline Phosphatase	Test and Report	IU/L	351
Blood Urea Nitrogen	Test and Report	mg/dL	37
Creatinine	Test and Report	mg/dL	2.8
Gamma Globulin	Test and Report	g/L	0.5
Glucose	Test and Report	mg/dL	75
Glutamic Oxaloacetic Transaminase (SGOT)	Test and Report	IU/L	45
Glutamic Pyruvic Transaminase (SGPT)	Test and Report	IU/L	<6
IgG - Elisa Test	Test and Report	mg/L	218.0
Lactate Dehydrogenase	Test and Report	IU/L	569
Total Bilirubin	Test and Report	mg/dL	0.2
<b><u>4 TRACE METALS/IRON</u></b>			
Calcium	Test and Report	mg/dL	13.9
Chloride	Test and Report	mmol/L	102
Inorganic Phosphorus	Test and Report	mg/dL	9.6
Iron	Test and Report	µg/dL	180
Potassium	Test and Report	mmol/L	11.3
Sodium	Test and Report	mmol/L	136
<b><u>5 ELECTROPHORETIC PROFILE</u></b>			
Albumin	-	g/L	17.9
Alpha	-	g/L	17.1
Beta	-	g/L	1.9
Gamma	-	g/L	0.5
<b><u>6 Collection Country</u></b>			
Fetal Bovine Blood collected in	-	-	Paraguay

**Global Life Sciences Solutions Austria GmbH & Co KG**

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TEST	SPECIFICATION	UNITS	RESULTS
<b>7 Processing Country</b>			
Fetal Bovine Blood processed in	-	-	France
Volume	-	L	1476.6

Triple 0.1 µm Sterile Filtered  
Storage temperature: -10 °C or below

This product was manufactured from Fetal Bovine Blood collected in listed country (ie Brazil) of section 6 of the CoA.  
This product has not come from cattle born, raised, shipped through or slaughtered in countries where BSE is known to exist.

FOR FURTHER MANUFACTURING OR RESEARCH USE  
NOT FOR DIAGNOSTIC OR THERAPEUTIC USE

### 1 GENERAL TESTING REFERENCES

Endotoxin - Ph. Eur. 2.6.14  
Hemoglobin - Flemming method by spectrophotometry or Colorimetric  
Sterility Testing - Current Ph. Eur. 2.6.1 (Bacteria and Fungi)  
Mycoplasma - PCR  
Total Protein - Ph. Eur. 2.5.33  
pH - Ph. Eur. 2.2.3  
Osmolality - Ph. Eur. 2.2.35

### 2 VIRUS TESTING REFERENCES

Bluetongue, Bovine Adenovirus, Bovine Parvovirus, Bovine Respiratory Syncytial Virus, Bovine Diarrhea Virus, Rabies, Reovirus

Cell lines used: SP2/0-Ag14, HeLa, MRC-5 Cells, L-929

Schnablehner, Caroline

29-APR-2024 08:28:12

**Quality Department**

**Date and Time**

*This document has been electronically produced and is valid without a signature.*

### Global Life Sciences Solutions Austria GmbH & Co KG

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