

Certificate of Analysis



Product Fetal Bovine Serum Dialyzed, Collected in South America, sterile-filtered

Cat .No. AB-FBS-DIA0500(500 ml),AB-FBS-DIA0100(100ml)

Expiry Date 10/2023

Lot No. AB20181926

Storage $\leq -15^{\circ}\text{C}$

Quality Profile	Specification	Result	Unit
Appearance	Clear amber	Pass	
pH	6.8- 8.2	7.55	
Osmolality ⁽¹⁾	280- 340	282	mOsm/kg
Endotoxin ⁽²⁾	As reported	7.95	EU/ml
Hemoglobin	≤ 25	15.6	mg/dl
Glucose	As reported	0.90	mM
Calcium	As reported	1.48	mM
Protein Profile			
Total Protein ⁽³⁾	3.0- 4.5	3.6	g/dl
Albumin ⁽⁴⁾	As reported	2.3	g/dl
IgG	≤ 250	<126	$\mu\text{g/ml}$
Sterility Testing			
Bacteria and Fungi	Not detected	Not detected	
Mycoplasma ⁽⁵⁾	Not detected	Not detected	
Virus Testing⁽⁶⁾			
Bovine Herpes Virus (BHV-1 and BHV-5)	Not detected	Not detected	
Pestivirus (e.g. BVD-V)	Not detected	Not detected	
Parainfluenza Virus Type 3 (PI-3)	Not detected	Not detected	
Biological Performance⁽⁷⁾			
Cell Growth Vero (Monkey Kidney Epithelial CellLine)	$\geq 75\%$	100%	
Cell Growth L929 (Murine Fibroblasts)	$\geq 75\%$	101%	

References/Methods

(1) Freeze Point Depression

(5) Cell Culture

(2) Chromokinetic Test

(6) Cytopathic Effect in cell Culture and ELISA

(3) Biuret Colorimetry

(7) Growth Promoting Assay

(4) Immunoturbidimetry

Intended Use: For research use only.

Date: October 16,2018

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