

## Certificate of Analysis

Product	Fetal Bovine Serum Dialyzed Collected in South America, sterile-filtered		
Cat. No.	AB-FBS-DIA-0500, AB-FBS-DIA-1050, AB-FBS-DIA-0050		
Lot. No.	AB20214165	Expiry Date	03/2026
Origin	South America	Manufacturing Date	03/2021
		Storage	≤-15°C

Quality Profile	Specification	Result	Unit
Appearance	Clear amber	Pass	
pH	6.8 – 8.2	7.38	
Osmolality <sup>(1)</sup>	280 – 340	281	mOsm/kg
Endotoxin <sup>(2)</sup>	As reported	1.25	EU/ml
Hemoglobin	≤ 25	14.99	mg/dl
Glucose	≤ 0.28	0.28	mM
Calcium	As reported	0.59	mM
Phosphorous	As reported	0.35	mM
GOT/AST	As reported	44	U/l
LDH	As reported	2500	U/l

Protein Profile			
Total Protein <sup>(3)</sup>	3.0 – 4.5	3.60	g/dl
Albumin <sup>(4)</sup>	As reported	1.75	g/dl
IgG	≤ 400.0	191.06	mg/l

Sterility Testing			
Bacteria and Fungi	Not detected	Not detected	
Mycoplasma <sup>(5)</sup>	Not detected	Not detected	

Virus Testing <sup>(6)</sup>			
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			
Cell Growth L929 (Murine Fibroblast Cell Line) <sup>(7)</sup>	≥ 75.0	101.0	%
Cell Growth HELA (Human Epithelial Cell Line) <sup>(7)</sup>	≥ 75.0	98.0	%

### 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 June 01, 2021

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