

## Certificate of Analysis

Product	Fetal Bovine Serum Tetracycline Negative, Collected in South America, sterile-filtered		
Cat. No.	AB-FBS-TET-0500, AB-FBS-TET-1050, AB-FBS-TET-0050		
Lot. No.	AB20214069	Expiry Date	01/2026
Origin	South America	Manufacturing Date	01/2021
Batch Size	1000 L	Storage	≤-15°C

Quality Profile	Specification	Result	Unit
Appearance	Clear amber	Pass	
pH	6.8 – 8.2	7.30	
Osmolality <sup>(1)</sup>	280 – 340	315	mOsm/kg
Endotoxin <sup>(2)</sup>	As reported	1.01	ng/ml
Hemoglobin	≤ 25	14.9	mg/dl
Tetracycline/-derivates	≤ 0.5	Pass	µg/ml
Glucose	As reported	3.87	mM
Calcium	As reported	2.65	mM
Phosphorous	As reported	2.79	mM
GOT/AST	As reported	40	U/l
LDH	As reported	599	U/l

Protein Profile			
Total Protein <sup>(3)</sup>	3.0 – 4.5	3.7	g/dl
Albumin <sup>(4)</sup>	As reported	2.2	g/dl
IgG	≤ 250.0	189.00	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 MDCK (Madin-Darby Canine Kidney Line) <sup>(7)</sup>	≥ 75.0	101.0	%
Cell Growth CHO (Chinese Hamster Ovary Cell Line) <sup>(7)</sup>	≥ 75.0	100.0	%

### 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 February 24, 2021

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