

Certificate of Analysis (Special)

Product	Fetal Bovine Serum Dialyzed , sterile-filtered		
Cat. No.	AB-FBS-DIA-0500 , AB-FBS-DIA-1050		
Lot. No.	AB20203596	Storage	≤ -15°C
Manufacturing Date	2020.04	Expiry Date	2025.04

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	µg/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)	≥ 75%	100%
Cell Growth L929 (Murine Fibroblasts)	≥ 75%	101%

References/Methods

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| (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 | |

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