

Neo FBS Stable, Collected in South America,sterile-filtered

#Cat : NB-58-0002A Size :500ml

#Cat : NB-58-0002B Size :100ml

#Cat : NB-58-0165C Size :10x50ml

Certificate of Analysis

Lot. No	CP24-7530	Expiry Date	11/2029
Storage	≤ -15°C	Manufacturing Date	11/2024

Quality Profile	Specification	Result	Unit
Appearance	Clear amber	Pass	
pH	6.8 – 8.2	7.13	
Osmolality ⁽¹⁾	280 – 340	324	mOsm/kg
Endotoxin ⁽²⁾	As reported	13.44	EU/ml
Hemoglobin ⁽³⁾	≤ 25.0	11.7	mg/dl
Glucose ⁽⁴⁾	As reported	5.22	mM
Calcium ⁽³⁾	As reported	2.56	mM
Phosphorous ⁽³⁾	As reported	3.94	mM
GOT/AST ⁽³⁾	As reported	41	U/l
LDH ⁽³⁾	As reported	347	U/l

Protein Profile			
Total Protein ⁽⁵⁾	3.0 – 4.5	3.9	g/dl
Albumin ⁽⁶⁾	As reported	2.75	g/dl
IgG ⁽⁷⁾	≤ 300.0	142.3	mg/l

Sterility Testing			
Bacteria and Fungi ⁽⁸⁾	Sterile	Pass	
Mycoplasma ⁽⁹⁾	Not detected	Not detected	

Virus Testing ⁽¹⁰⁾			
Bovine Herpes Virus(BHV-1 and BHV-5)	Not detected	Not detected	
Pestivirus (incl.BVD)	Not detected	Not detected	
Parainfluenza Virus Type 3 (PI-3)	Not detected	Not detected	

Biological Performance ⁽¹¹⁾			
Cell Growth HEK293 (Human Embryonic Kidney Cell Line)	≥ 75.0	Pass	%
Cell Growth CHO (Chinese Hamster Ovary Cell Line)	≥ 75.0	Pass	%

References/Methods

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| (1) Freeze Point Depression | (7) | ELISA |
| (2) LAL-Test | (8) | Membrane Filtration (total plate count), aerobic and anaerobic bacteria, yeasts and fungi) |
| (3) Photometry | (9) | PCR |
| (4) Hexokinase Assay | (10) | Cytopathic Effect in Cell Culture and Immunofluorescence |
| (5) Biuret Colorimetry | (11) | Cell Promoting Assay |
| (6) Nephelometry | | |

Intended Use For research and further manufacturing use only.

Date February 24,2025

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