

Neo FBS, Collected in South America , sterile-filtered

#Cat : NB-58-0001A Size :500ml

#Cat : NB-58-0001B Size :100ml

Certificate of Analysis

Lot. No	CP23-6211	Expiry Date	05/2028
Origin	Brazil	Manufacturing Date	05/2023
Storage	≤ -15°C		

Quality Profile	Specification	Result	Unit
Appearance	Clear amber	Pass	
pH	6.8 – 8.2	7.21	
Osmolality ⁽¹⁾	280 – 340	315	mOsm/kg
Endotoxin ⁽²⁾	As reported	16.57	EU/ml
Hemoglobin ⁽³⁾	≤ 25.0	11.00	mg/dl
Glucose ⁽⁴⁾	As reported	4.11	mM
Calcium ⁽³⁾	As reported	2.87	mM
Phosphorous ⁽³⁾	As reported	3.55	mM
GOT/AST ⁽³⁾	As reported	28	U/l
LDH ⁽³⁾	As reported	499	U/l

Protein Profile			
Total Protein ⁽⁵⁾	3.0 – 4.5	3.8	g/dl
Albumin ⁽⁶⁾	As reported	2.67	g/dl
IgG ⁽⁷⁾	≤ 300	156.9	mg/l

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

Biological Performance			
Cell Growth MDCK (Canine Kidney Epithelial Cell Line) ⁽¹¹⁾	≥ 75.0	Pass	%
Cell Growth CHO (Chinese Hamster Ovary Cell Line) ⁽¹¹⁾	≥ 75.0	Pass	%

References/Methods

- | | |
|-----------------------------|---|
| (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 use only.

Date June 13, 2023

This document has been created digitally and is valid without a signature.