Analysis Quiz

Certificate of Analysis

Fetal Bovine Serum(Triple 0.1μL sterile Filtered)

Lot Number	aq56768666	Product Code	AQ-mv-06600
Volume	1293 liter	Origin	Uruguay
Manufacture Date	Qct/2019	Expiration Date	Qct/2024

Analysis	Method	Specifications	Results
Appearance	Visual	Clear yellow-amber	Satisfactory
PH	PH meter	7.0-8.0	7.21
Endotoxin	LAL	≤10.0 EU/ml	0.58 EU/ml
Hemoglobin	Spectrometer	≤25 mg/dl	16 mg/dl
Osmolality	Freezing point depression	280-350 mOsm/kg	317 mOsm/kg
Bacteria	USP	Not detected	Not detected
Fungi	USP	Not detected	Not detected
BVD	9CFR113.53	Not detected	Not detected
P13	9CFR113.53	Not detected	Not detected
IBR	9CFR113.53	Not detected	Not detected
Mycoplasma	DNA staining with DAPI	Not detected	Not detected

Protein Testing	Method	Specifications	Results
Total Protein	Chemistry Analyzer	30-50 g/l	37.0 g/l
Total Albumin	Chemistry Analyzer	<25 g/l	16.8 g/l
Alpha Globulins	Chemistry Analyzer		15.2 g/l
Beta Globulins	Chemistry Analyzer		4.1 g/l
Gamma Globulins	Chemistry Analyzer		0.7 g/l
lgG	Elisa		272 mg/l

Biochemical Analysis		Results Provided for information Only	
Sodium	137 mmol/l	Creatinine	3.5 mg/dl
Potassium	11.2 mmol/l	Triglycerides	59 mg/dl
Chloride	103 mmol/l	Iron	183 ug/dl
Uric Acid	1.8 mg/dl	Cholesterol	32 mg/dl
Calcium	14.5 mg/dl	Alkaline Phosphatase	509 IU/l(37℃)
Phosphorus	8.9 mg/dl	LDH	748 IU/l(37℃)
Billirubin	0.1 mg/dl	SGOT	34 IU/l(37℃)
Glucose	56 mg/dl	Gamma GT	8 IU/l(37℃)
Urea	38 mg/dl	SGPT	9 IU/l(37℃)

Culture Tests	Reference sera LOT 66608	2days	5days
MRC5	100%	112%	132%
L929	100%	123%	118%
HELA	100%	109%	127%
SP2/0 Ag14	100%	106%	131%

For further manufacturing or research use.Not for diagnostic or therapeutic use.

Quality Department/Date:_____ Oct 2019

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