



CERTIFICATE OF ANALYSIS

Product:	Fetal Bovine Serum
Catalog Number:	FB5001
Storage:	-20C
Lot Number:	168905
Country of Origin:	United States
Expiration Date:	July, 2015
Filter:	0.1 micron

<u>Test</u>	<u>Result</u>
pH:	7.55
Hemoglobin:	3.35 mg/dL
Endotoxin:	< 0.0315 ng/mL < 0.315 EU/mL
Sodium:	140 mmol/L
Potassium:	9.5 mmol/L
Chloride:	105 mmol/L
Glucose:	101 mg/dL
AST (SGOT):	16 U/L
ALT (SGPT):	3 U/L
GGT:	6 U/L
Triglycerides:	63 mg/dL
Cholesterol:	32 mg/dL
Osmolality:	290 mOsm/kg H ₂ O
Albumin:	2.0 g/dL
IgG:	233 ug/ml
Total Protein:	3.7 g/dL
Creatinine:	2.7 mg/dL
Uric Acid:	2.4 mg/dL
Calcium:	14.9 mg/dL
Phosphorus:	9.6 mg/dL



CERTIFICATE OF ANALYSIS

Product:	Fetal Bovine Serum
Catalog Number:	FB5001
Storage:	-20C
Lot Number:	168905
Country of Origin:	United States
Expiration Date:	July, 2015
Filter:	0.1 micron

Micro-Organism Testing

Mycoplamsa:

Bacteria and Fungi:

Result

Not detected

Not detected

Virus Testing

Bovine Virus Diarrhea (BVD)

Infectious Bovine Rhinotracheitis (IBR)

Parainfluenza Virus 3 (PI3)

Result

Not Detected

Not Detected

Not Detected

Cell Line Testing

Growth Promotion

- Diploid Cell Line

Result

Pass