

MP Biomedicals, LLC29525 Fountain Parkway
Solon, Ohio 44139Telephone: 440/337-1200
Toll Free: 800/854-0530

Certificate of Analysis

Product Description: Collect Fetal Bovine Serum, Silver
Catalog Number: 2916149; 2916154
Lot: M3410

Formula: N/A
CAS #: N/A
Physical Description: Golden Brown Liquid

Formula Weight: N/A
Storage: -20°C

Test	Specification	Result
pH	6.7 - 7.8	7.11
Osmolality	280 - 325 mOsm/kg	313 mOsm/kg
Protein	3.1 - 4.4 g/dl	40 g/L
Hemoglobin	≤27 mg/dl	6.3 mg/dL
Endotoxin	May slightly exceed 1 ng/ml	0.352 ng/ml
Mycoplasma	Absent	Not Detected
Bacteria and Fungi	Absent	Not Detected
BVD, PI3, IBR	Not Detected	***See Below
Growth Promotion	Passes	Passes
Expiration Date	Month/Day/Year	9/20/2016

Glucose	5.3 mmol/L
Sodium	124 mmol/L
Potassium	17.9 mmol/L
Chloride	92 mmol/L
Creatinine	173 µmol/L
Uric Acid	76 µmol/L
Calcium	2.22 mmol/L
Phosphorus	2.6 mmol/L
Albumin	31.5 g/dl
Total Bilirubin	1.0 µmol/L
ALT (SGPT)	6 U/l
Urea	4.2 mmol/L
AST (SGOT)	29 IU/L

LDH	377 IU/l
Cholesterol	0.5 mmol/L
Triglycerides	0.38 mmol/L
Globulin	8.5 g/L
Calcium	2.22 mmol/L
Serum Identity (ouchterlony)	Bovine
Electrophoretic Pattern	Normal
IgG	36 mg/L
Specific Gravity	1.021 g/mL
ALP	135 U/L
GGT	3 U/L
Plating Efficiency	Passes
Population	Passes
Cell Toxicity	None

*** Viral Testing ***

BVD (cytopathic): Not Detected

BVD Antibody: 1:12

PI-3 Antibody: <1:2

IBR Antibody: <1:2

HA: Not Detected

CPE: Not Detected

Bovine Parvo: Not Detected

Bovine Adeno 3: Not Detected

Bovine Adeno 5: Not Detected

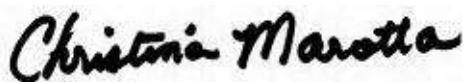
BRSV: Not Detected

REO Virus: Not Detected

Rabies: Not Detected

Blue Tongue: Not Detected

BRSV Antibody: <1:2



02/14/2012 - Christina Marotta

MP Biomedicals, LLC.

Technical Director

This is an electronically generated document

<mailto:biotech@mpbio.com>

<http://www.mpbio.com>

Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)