



Rocky Mountain Biologicals, Inc

Certificate of Analysis

Porcine Serum- 0.2µm Filtered, Gamma Irradiated, US Origin

Product Number: PSF-BTG-35L
 PSF-BTG-01L
 PSF-BTG-5XM
 PSF-BTG-SMP
 PSF-BTG-CSP

Lot Number: 20160926PS
 Date of Manufacture: 09/2016
 Expiration Date: 09/2021
 Storage Temperature: ≤ -10 ° C

BASIS FOR RELEASE

NOT FOR HUMAN OR ANIMAL CONSUMPTION

CHEMICAL ANALYSIS*			
Test	Method	Specification	Result
Albumin	Chemistry Analyzer	As Reported	4.4 g/dL
ALT	Chemistry Analyzer	As Reported	78 U/L
AST	Chemistry Analyzer	As Reported	541 U/L
Bilirubin	Chemistry Analyzer	As Reported	0.1 mg/dL
Calcium	Chemistry Analyzer	As Reported	8.2 mg/dL
Cholesterol	Chemistry Analyzer	As Reported	94 mg/dL
Creatinine	Chemistry Analyzer	As Reported	1.7 mg/dL
Globulin	Chemistry Analyzer	As Reported	3.5 g/dL
Glucose	Chemistry Analyzer	As Reported	184 mg/dL
Hemoglobin	Spectro. Assay	As Reported	19.1 mg/dL
Osmolality	Osmometer	206-345 mOsm/kg	324 mOsm/kg
pH	pH Meter	6.5 - 8.5	7.7
Phosphorus	Chemistry Analyzer	As Reported	15.4 mg/dL
Potassium	Chemistry Analyzer	As Reported	12.6 mEq/L
Sodium	Chemistry Analyzer	As Reported	140 mEq/L
Total Protein	Chemistry Analyzer	6.0 - 9.5 g/dL	7.9 g/dL
Urea	Chemistry Analyzer	As Reported	13 mg/dL

MICROBIOLOGICAL ANALYSIS*			
Test	Method	Specification	Result
Endotoxin	LAL	As Reported	76.8 EU/mL
Mycoplasma	9CFR 113.28	Not Detected	Not Detected
Sterility	9CFR 113.26	No Growth	No Growth

VIRAL ANALYSIS			
Test	Method	Specification	Result
BVD	9CFR 113.53	Not Detected	Not Detected
CPE	9CFR 113.53	Not Detected	Not Detected
Hemadsorption	9CFR 113.53	Not Detected	Not Detected
PAV	9CFR 113.53	Not Detected	Not Detected
PHEV	9CFR 113.53	Not Detected	Not Detected
PPV	9CFR 113.53	Not Detected	Not Detected
Rabies	9CFR 113.53	Not Detected	Not Detected
REO Virus	9CFR 113.53	Not Detected	Not Detected
TGE	9CFR 113.53	Not Detected	Not Detected

IDENTITY ANALYSIS			
Test	Method	Specification	Result
Appearance	Visual	Clear Amber Solution	Pass

*All test results are from representative batch samples tested prior to gamma irradiation.

Rocky Mountain Biologicals, Inc.

6015 Greg's Way | Missoula, MT 59808 | USA

Tel: 406-541-7624 | Fax: 406-541-7615

www.rmbio.com



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	PSF-BTG-CSP		

ADDITIONAL LOT INFORMATION

NOT FOR HUMAN OR ANIMAL CONSUMPTION

Additional Testing

CUSTOMER SPECIFIC

Test	Method	Specification	Result
PCVI	9CFR 113.53	As Reported	Not Detected
PCVII	9CFR 113.53	As Reported	Not Detected
Albumin	Protein Electrophoresis	As Reported	3.16 g/dL
Alpha 1 Globulin	Protein Electrophoresis	As Reported	0.54 g/dL
Alpha 2 Globulin	Protein Electrophoresis	As Reported	1.43 g/dL
Beta Globulin	Protein Electrophoresis	As Reported	1.11 g/dL
Gamma Globulin	Protein Electrophoresis	As Reported	0.96 g/dL

STATEMENT OF ORIGIN

Raw serum used in the manufacture of this product was obtained from approved suppliers collecting from abattoirs in the United States from traceable animals originating from the United States. Full health, traceability, and required regulatory documentation are maintained under RMBIO's quality systems. The serum was processed, filtered, and finished in the United States.

Approval

Quality Assurance- Print Name:	Quality Assurance- Sign Name:	Date:
Terri Sorensen		26 Apr 2017

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