



Rocky Mountain Biologicals, Inc

Certificate of Analysis

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

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

Lot Number: 20160711PS
 Date of Manufacture: 07/2016
 Expiration Date: 07/2021
 Storage Temperature: ≤ -10 ° C

BASIS FOR RELEASE

NOT FOR HUMAN OR ANIMAL CONSUMPTION

CHEMICAL ANALYSIS			
Test	Method	Specification	Result
Albumin	Chemistry Analyzer	As Reported	4.3 g/dL
ALT	Chemistry Analyzer	As Reported	69 U/L
AST	Chemistry Analyzer	As Reported	343 U/L
Bilirubin	Chemistry Analyzer	As Reported	0.4 mg/dL
Calcium	Chemistry Analyzer	As Reported	6.5 mg/dL
Cholesterol	Chemistry Analyzer	As Reported	77 mg/dL
Creatinine	Chemistry Analyzer	As Reported	1.6 mg/dL
Globulin	Chemistry Analyzer	As Reported	3.1 g/dL
Glucose	Chemistry Analyzer	As Reported	100 mg/dL
Hemoglobin	Spectro. Assay	As Reported	18.6 mg/dL
Osmolality	Osmometer	206-345 mOsm/kg	302 mOsm/kg
pH	pH Meter	6.5 - 8.5	7.6
Phosphorus	Chemistry Analyzer	As Reported	16.4 mg/dL
Potassium	Chemistry Analyzer	As Reported	11.5 mEq/L
Sodium	Chemistry Analyzer	As Reported	133 mEq/L
Total Protein	Chemistry Analyzer	6.0 - 9.5 g/dL	7.4 g/dL
Urea	Chemistry Analyzer	As Reported	14 mg/dL

MICROBIOLOGICAL ANALYSIS			
Test	Method	Specification	Result
Endotoxin	LAL	As Reported	19.2 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

Product is heated at 56°C for 30 minutes to inactivate serum complement.

All test results reported on this Certificate of Analysis are from representative batch samples tested prior to gamma irradiation.

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

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www.rmbio.com



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	PSF-BHG-CSP		

ADDITIONAL LOT INFORMATION

NOT FOR HUMAN OR ANIMAL CONSUMPTION

Additional Testing

CUSTOMER SPECIFIC			
Test	Method	Specification	Result
Not Requested			
Not Requested			
Not Requested			
Not Requested			
Not Requested			

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. All animals have passed all required inspections for collection and importation into the United States. The serum was processed, filtered, and finished in the United States.

Approval

Quality Assurance- Print Name:	Quality Assurance- Sign Name:	Date:
Terri Sorensen		30 Aug 2016

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