

Certificate of Analysis

Porcine Serum- Sterile Filtered, Heat Inactivated, Gamma Irradiated*, US origin

Product number: PSF-BHG-XXX

Lot Number: 20140602PS

Date of Manufacture: 06/2014

Expiration date: 06/2019

Storage temperature: -20 to -5°C



Not for human or animal consumption

Basis for Release

Chemical Analysis			Microbiological Analysis		
Test / Method	Specification	Result	Test / Method	Specification	Result
Total Protein	6.0-9.5 g/dL	7.7 g/dL	Sterility per 9CFR	No Growth	No Growth
Albumin	As Reported	4.9 g/dL	Mycoplasma per 9CFR	Negative	Negative
Globulin	As Reported	2.8 g/dL	Endotoxin	As Reported	<50 EU/ml
Bilirubin	As Reported	<0.1 mg/dL	Viral Analysis per 9CFR		
ALT	As Reported	39 U/L	Test / Method	Specification	Result
AST	As Reported	227 U/L	BVD	Negative	Negative
Cholesterol	As Reported	96 mg/dL	PPV	Negative	Negative
Glucose	As Reported	187 mg/dL	TGE	Negative	Negative
Urea	As Reported	15 mg/dL	PAV	Negative	Negative
Creatinine	As Reported	1.2 mg/dL	HEV	Negative	Negative
Sodium	As Reported	135.0 mmol/L	Hemadsorption	Negative	Negative
Potassium	As Reported	11.3 mmol/L	REO Virus	Negative	Negative
Calcium	As Reported	10.3 mg/dL	Rabies	Negative	Negative
Phosphorus	As Reported	12.1 mg/dL	CPE	Negative	Negative
Osmolality	206-345 mOsm/Kg	314 mOsm/kg			
pH	6.0-8.5	7.87			
Appearance	Clear Amber Solution	Clear Amber Solution			

* Upon Customer approval this product will be Gamma Irradiated before release and distribution to customer(s). All test results reported on this C of A are from representative batch samples prior to irradiation.

This serum has been derived from blood aseptically collected in approved abattoirs. The serum was aseptically processed and filter sterilized in the USA. The country of origin of the crude blood (porcine origin) is the USA.

Approval

Quality Assurance – Print Name: <i>Renee Klosser</i>	Quality Assurance – Sign Name: <i>Renee Klosser</i>	Date: <i>3/19/15</i>
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