

CERTIFICATE OF ANALYSIS

Donor Horse Serum

Lot#: A13019

Manufactured Date: October 23, 2013
 Country of Raw Material Origin: United States
 Filtration: Triple 0.2µm filtered

Expiration Date: October 31, 2018
 Country of Final Processing: United States
 Storage: ≤ -20°C

TEST	UNIT	SPECIFICATIONS	RESULTS
Appearance	N/A	Clear Amber to Reddish Liquid	Pass
Sterility	N/A	Negative for Growth	Negative for Growth
Mycoplasma	N/A	Not Detected	Not Detected
DNA	N/A	Not Detected	Not Detected
pH at RT	N/A	6.5-8.5	8.06
Osmolality	mOsm/Kg	260-350	264
Endotoxin	EU/mL	≤5.0	<0.30
Hemoglobin	mg/dL	≤20.0	4.59
Total Protein	gm/dL	5.0-7.5	7.3
Albumin	g/dL	Report	2.9
Alpha 1, 2	g/dL	Report	1.2
Beta 1, 2	g/dL	Report	1.2
Gamma	g/dL	Report	1.9
Alkaline Phosphatase	IU/L	Report	107
ALT (SGPT)	IU/L	Report	5
GGT	IU/L	Report	15
Total Bilirubin	mg/dL	Report	0.3
BUN	mg/dL	Report	18
Creatinine	mg/dL	Report	1.0
Serum Iron	µg/dL	Report	257
Calcium	mg/dL	Report	11.2
Phosphorus	mg/dL	Report	3.3
Chloride	mEq/L	Report	99
Potassium	mEq/L	Report	4.2
Sodium	mEq/L	Report	139
Cholesterol	mg/dL	Report	70
Glucose	mg/dL	Report	47
Magnesium	mg/dL	Report	1.7
Triglyceride	mg/dL	Report	19
Uric Acid	mg/dL	Report	0.4

This material used in this product was collected in the United States under the care of a licensed veterinarian.

CAUTION: This material is intended for further manufacturing use.

THIS PRODUCT IS NOT INTENDED FOR HUMAN OR THERAPEUTIC USE

Prepared By:



Print Name: Mariela Moreno

Date:

4/25/14

Approved By:



Print Name: Jennifer Goodman

Date:

04/25/14

LOT NUMBER: A13019

DONOR HORSE SERUM