



Certificate of Analysis

Created May 28, 2015

Product: GemCell™ Donor Horse Serum
0.2µm sterile-filtered

Catalog #: 100-508

Lot #: E03H15G

Origin: United States (100%)

Manufacture Date: Mar 2015

Expiration Date: Mar 2020

TEST	METHODOLOGY	SPECIFICATION	RESULTS
Biological Testing			
Endotoxin	USP<85>		<0.125 EU/mL
Hemoglobin	Fleming, AF and Woolf, AJ (1965)	<Report	4.7 mg/dL
Microbiological Testing			
Sterility	USP<71>		
Bacteria		Not Detected	Not Detected
Fungi		Not Detected	Not Detected
Mycoplasma	Barile, MF and Kern, J (1971)	Not Detected	Not Detected
Viral Testing			
	9 CFR 113.53c (113.46, 113.47)		
EIA (Coggins)		Not Detected	Not Detected
EVA		Not Detected	Not Detected
EHV-1/ERV		Not Detected	Not Detected
BVDV		Not Detected	Not Detected
Reo		Not Detected	Not Detected
Rabies virus		Not Detected	Not Detected
Physical Testing			
Osmolality	USP<785>	Report	293 mOsm/kg
pH @ RT	USP<791>	Report	8.1
Biochemical Testing			
Protein, Total			6.2 g/dL

Quality Assurance