



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

**Catalog #: 100-508**

**Lot #: E55H00J**

**Origin: United States (100%)**

**Manufacture Date: Jun 2018**

**Expiration Date: Jun 2023**

TEST	METHODOLOGY	SPECIFICATION	RESULTS
<b>Biological Testing</b>			
Endotoxin	USP<85>	Report	0.769 EU/mL
Hemoglobin	Fleming, AF and Woolf, AJ (1965)	Report	4.08 mg/dL
<b>Microbiological Testing</b>			
Sterility			
Bacteria	USP<71>	Not Detected	Not Detected
Fungi		Not Detected	Not Detected
Mycoplasma	Barile, MF and Kern, J (1971)	Not Detected	Not Detected
<b>Viral Testing</b>			
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
<b>Physical Testing</b>			
Osmolality	USP<785>	Report	282 mOsm/kg
pH @ RT	USP<791>	Report	7.97
<b>Biochemical Testing</b>			
Protein, Total	Biuret	Report	6.0 g/dL

*For Cell Culture, further Manufacturing and Research use only. Not for direct Therapeutic use.*

*[Signature]* 07/19/2018

Created by/ date

*[Signature]* 07/19/2018

Verified by/ date