



**CERTIFICATE OF ANALYSIS**  
**GemCell™ Donor Horse Serum**  
**(Catalog Number 100-508)**

**Lot Number:** E426001

**Date of Manufacture:** Nov2024

**Storage Temperature:** ≤-10°C

**Product Expiry:** Nov2029

**Origin:** United States

For cell culture, further manufacturing or research use only. Not for direct therapeutic use.

Test	Methodology	Specification	Analysis
<b>Biological Testing</b>			
Endotoxin	USP <85> & EP 2.6.14	Report	<0.005 EU/mL
Hemoglobin	USP <90>	Report	4.40 mg/dL
<b>Microbiological Testing</b>			
Sterility	USP <71> & EP 2.6.1		
Bacteria		No Growth	No Growth
Fungi		No Growth	No Growth
Mycoplasma	Barile and Kern & Hoechst Fluorochrome Stain 9 CFR Part 113.53c	Negative	Negative
<b>Viral Testing</b>			
EIA (Coggins)		Negative	Negative
EVA		Negative	Negative
EHV-1		Negative	Negative
BVDV		Negative	Negative
Reo		Negative	Negative
Rabies virus		Negative	Negative
<b>Physical Testing</b>			
Osmolality	USP <785> & EP 2.2.35	Report	284 mOsm/kg
pH	USP <791> & EP 2.2.3	Report	7.97
<b>Biochemical Testing</b>			
Protein, Total	USP <1057> & EP 2.5.33	Report	6.3 g/dL

The testing that has been performed as part of this lot release has been reviewed by Quality Assurance personnel and has confirmed that the testing meets the specifications presented on this Certificate of Analysis.

Cassandra Barraza  
Name

14 May 2024  
Date

QC Associate III  
Title