



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

Lot Number: E122009

Date of Manufacture: Jul2022

Product Expiry: Jul2026

Origin: United States

Storage Temperature: ≤-10°C

For Cell Culture, further Manufacturing or Research use only. Not for Direct Therapeutic use.

Test	Methodology	Specification	Analysis
<b>Biological Testing</b>			
Endotoxin		Report	5.05 EU/mL
Hemoglobin		Report	3.7676 mg/dL
<b>Microbiological Testing</b>			
Sterility	9 CFR 113.26		
Bacteria		No Growth	No Growth
Fungi		No Growth	No Growth
Mycoplasma	9 CFR 113.28	Negative	Negative
<b>Viral Testing</b>			
EIA (Coggins)	9 CFR 113.53c (113.46, 113.47)	Negative	Negative
EVA		Negative	Negative
EHV-1/ERV		Negative	Negative
BVDV		Negative	Negative
Reo		Negative	Negative
Rabies virus		Negative	Negative
<b>Physical Testing</b>			
Osmolality		Report	283 mOsm/kgH <sub>2</sub> O
pH		Report	7.76
<b>Biochemical Testing</b>			
Protein, Total		Report	6.1 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.

Sobin Tang  
Name

19 OCT 2022  
Date

QC Lead  
Title