

**Product:** **GemCell™ Bovine Calf Serum**  
 0.2µm sterile-filtered

**Catalog #: 100-506**  
**Lot #: C40G00G**  
**Origin: United States (100%)**

**Manufacture Date: Oct 2015**  
**Expiration Date: Oct 2020**

TEST	METHODOLOGY	SPECIFICATION	RESULTS
<b>Biological Testing</b>			
Culture Performance, Presumptive		Pass	Pass
Endotoxin	USP <85>	Report	<0.5 EU/mL
<b>Microbiological Testing</b>			
Sterility	USP <71>		
Bacteria		Not Detected	Not Detected
Fungi		Not Detected	Not Detected
Mycoplasma	Barile, MF and Kern, J (1971)	Not Detected	Not Detected
<b>Viral Testing</b>			
	9CFR BVB, PI-3, IBR and BT only		
BVDV		Not Detected	Not Detected
IBR		Not Detected	Not Detected
PI-3		Not Detected	Not Detected
BTV		Not Detected	Not Detected
<b>Physical Testing</b>			
Osmolality	USP<785>		292 mOsm/kg
pH @ RT	USP<791>	Report	7.75

**Product:** GemCell™ Bovine Calf Serum  
0.2µm sterile-filtered

**Catalog #: 100-506**

**Lot #: C40G00G**

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

**Manufacture Date: Oct 2015**

**Expiration Date: Oct 2020**

TEST	METHODOLOGY	SPECIFICATION	RESULTS
Albumin			3.5 g/dL
Alkaline Phosphatase			129 U/L
ALT (SGPT)			7.0 U/L
AST (SGOT)			30.0 U/L
Bilirubin, Total			0.1 mg/dL
BUN			7.0 mg/dL
Calcium			2.03 mM
Chloride			98.0 mM
Cholesterol			111 mg/dL
Creatinine			0.9 mg/dL
Glucose			5.11 mM
Hemoglobin	Fleming, AF and Woolf, AJ (1965)	Report	7.92 mg/dL
Iron, Serum			67.0 µg/dL
Phosphorus			2.81 mM
Potassium			6.1 mM
Protein, Total	Biuret	Report	7.1 g/dL
Sodium			140 mM
Triglycerides			19.0 mg/dL
Uric Acid			1.0 mg/dL

Results shown were obtained by carefully performed methods believed to be reliable. However, since some results may vary by methodology, it is suggested that tests for which results are particularly critical be repeated by the end user. Our bovine serum meets all USDA requirements and has passed ante- and post-mortem inspection by a licensed veterinarian. It is collected in countries recognized as being free of foot-and-mouth disease and rinderpest. The origin of all bovine serum is traceable by lot number, date and country of collection. Precipitates may develop in this product upon freezing and/or thawing; this occurrence does not impact culture performance.




---

Quality Assurance