



**GEMINI**  
BIO-PRODUCTS

# Certificate of Analysis

Created March 15, 2018

**Product:** **Foundation™ Fetal Bovine Serum**  
Triple 0.1µm sterile-filtered

**Catalog #: 900-108**

**Lot #: A24G00J**

**Origin: Mexico (59%) United States (41%)**

**Manufacture Date: Feb 2018**

**Expiration Date: Feb 2023**

TEST	METHODOLOGY	SPECIFICATION	RESULTS
<b>Biological Testing</b>			
Endotoxin	USP<85>	<50.0 EU/mL	0.698 EU/mL
Hemoglobin	Fleming, AF and Woolf, AJ (1965)	<40.0 mg/dL	22.76 mg/dL
<b>Microbiological Testing</b>			
<b>Sterility</b>			
	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>			
	9 CFR 113.53c [113.46, 113.47]		
Cytopathic Agents		Not Detected	Not Detected
Hemadsorbing Agents		Not Detected	Not Detected
<b>Bovine Viral Diarrhea Ab Titer</b>			
Type I		Test and Report	1:8
Type II		Test and Report	1:1
<b>Extraneous Viruses (FAB)</b>			
Bluetongue Virus		Not Detected	Not Detected
Bovine Adenovirus		Not Detected	Not Detected
Bovine Parvovirus		Not Detected	Not Detected
Bovine Viral Diarrhea (cytopathic)		Not Detected	Not Detected
Bovine Syncytial Virus		Not Detected	Not Detected
Bovine Rabies Virus		Not Detected	Not Detected
Reovirus		Not Detected	Not Detected
<b>Physical Testing</b>			
Electrophoretic Pattern	Cellulose Acetate	Normal	Normal
Osmolality	USP<785>	260-350 mOsm/kg	313 mOsm/kg
pH @ RT	USP<791>	6.5 – 8.5	7.08

