

**neoFroxx GmbH**

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## Specification

<b>Product</b>	<b>FBS Analog - sterile filtered, gamma irradiated, heat inactivated for cell biology</b>
<b>Brand</b>	BioFroxx

<b>Product number</b>	2223 (revised)
<b>Synonym(s)</b>	specialy processed Bovine Calf Serum
<b>Storage</b>	-20°C
<b>Retest period (months)</b>	48

Product meets EU requirements for production of technical blood products.  
For research use only - Not for drug, human or veterinary use – Not for human or animal consumption.  
Country of origin: USA

<b>Parameter</b>	<b>Specification</b>
<b>1. Physical and Chemical Analysis</b>	
Albumin	test and report
Alpha 1	test and report
Alpha 2	test and report
Beta 1	test and report
Beta 2	test and report
Endotoxin	test and report
Gamma 1 & 2	test and report
Hemoglobin	test and report
Osmolality	test and report
pH	test and report
Total protein	test and report
<b>2. Sterility and Virus Testing</b>	
	This product was processed aseptically using 0.2 µm filters as final filters. Filters are tested for integrity prior to sterilization and after use. This product was filled into sterile 1,000 ml jugs.
Aerobic bacteria	not detected
Anaerobic bacteria	not detected
Fungi (yeast & mold)	not detected
Mycoplasma	not detected
Bluetongue	negative
Bovine Adenovirus	negative
Bovine Parvovirus	negative
Bovine Respiratory Syncytial Virus	negative
Rabies	negative

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Reovirus	negative
Cytopathogenic agents (IBR)	negative
Hemadsorbing agents (PI 3)	negative
<b>3. Performance</b>	
Suspension cells (CHO)	90 - 119 %
Adherent cells	90 - 119 %
<b>4. Biochemical Analysis</b>	
Alkaline Phosphatase	test and report
ALT (SGPT)	test and report
AST (SGOT)	test and report
Bilirubin (Total)	test and report
Calcium	test and report
Chloride	test and report
Cholesterol	test and report
Creatinine	test and report
Glucose	test and report
Iron	test and report
Lactate Dehydrogenase	test and report
Percent saturation-Iron	test and report
Phosphorus	test and report
Potassium	test and report
Sodium	test and report
Total Iron binding capacity	test and report
Triglyceride	test and report
Urea Nitrogen (BUN)	test and report
Uric Acid	test and report

Einhausen, 29.09.2021 (revised)