

# Certificate of Analysis

Product Description: Cerebral Spinal Fluid, Synthetic  
 Material Number: 0175-0007

<b>Product Description</b>	Cerebral Spinal Fluid, Synthetic
<b>Batch</b>	10724006
<b>Material Number</b>	0175-0007
<b>Volume Fill</b>	10 ml
<b>Filtration</b>	Filtered through an absolute 0.22 µm filter membrane prior to bottling
<b>Storage</b>	-20°C
<b>Manufacture Date</b>	24 OCT 2024
<b>Material Type</b>	Human Sourced
<b>Preservative</b>	Contains no preservative
<b>Bleed Testing</b>	Each donor unit used in preparation of this product was tested by FDA approved methods and found negative for the presence of HBsAg and antibodies to HCV and HIV 1/2.
<b>Precautions</b>	All blood based material should be handled as potentially biohazardous.
<b>Note</b>	For laboratory research or further manufacture into in-vitro diagnostic reagents for which there are no alternative sources.

Test	Results	UoM	Methodology
Appearance	Clear Solution	N/A	Visual
Pre-Albumin	2.3	%	Protein Electrophoresis
Sodium	134	mEq/L	ISE
Potassium	<1.0	mEq/L	ISE
Chloride	118	mEq/L	ISE
Glucose	58	mg/dL	Hexokinase
Micro Total Protein	71	mg/dL	Biuret

**Approval:**

*Marissa Miranda*  
 Prepared By

31 OCT 2024  
 Date

*Paul J. Kurner*  
 QA Verified By

31 OCT 2024  
 Date