

CERTIFICATE OF ANALYSIS

Complement Technology, Inc.

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Tyler, Texas 75703, USA

Product: C8 Protein

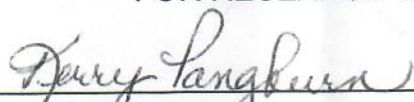
Catalog # **A125 Lot # 127**
Exp. Date: 11/24/2019

Description: C8 Purified Human Complement Protein

<u>Specifications</u>	<u>Limits</u>	<u>Results</u>
PROTEIN CONCENTRATION	0.95 – 1.2 mg/mL C8 has an extinction coefficient of $E^{1\%}_{280nm} = 14.9$	1.03 mg/ml
FILL VOLUME	0.250 – 0.275 mL	0.270 mL
BUFFER	Phosphate buffered saline, pH 7.2	Phosphate buffered saline, pH 7.2
PRESERVATIVE	None, filtered through a 0.22 μ m pore size filter.	None, filtered through a 0.22 μ m pore size filter.
PURITY	> 85% by SDS PAGE	> 95%
FUNCTIONAL ACTIVITY	Titer >150,000 C8H50/mg >70% of C8 activity in NHS on a mg/mg basis.	401,000 Units/mg 100%
PRESENCE OF OTHER FUNCTIONALLY ACTIVE COMPLEMENT COMPONENTS	$\leq$ Trace amounts ($\leq 0.1\%$) of functionally active C5, C6, C7, or C9	Conforms
IMMUNOCHEMISTRY (DILUTION OUCHTERLONIES)	$\leq$ trace amounts of IgG, IgA, IgM, albumin, C3, C4, Factor B, Factor H or ceruloplasmin	Conforms
HUMAN SERUM/PLASMA STARTING MATERIAL		
HBsAg	Negative	Negative
ANTI-HBc	Negative	Negative
ANTI-HIV 1 & 2 Plus O	Negative	Negative
ANTI-HCV	Negative	Negative
ANTI-Syphilis	Negative	Negative
HCV by NAT	Negative	Negative
HIV by NAT	Negative	Negative
HTLV 1 and 2	Negative	Negative
West Nile Virus (WNV)	Negative	Negative

**Store at -70°C or below.
Avoid Repeated Freeze/Thaw**

FOR RESEARCH USE ONLY - NOT FOR HUMAN OR DRUG USE


Signature of Analyst


Date of Analysis

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