

CERTIFICATE OF ANALYSIS

Complement Technology, Inc.
4801 Troup Hwy, Suite 701
Tyler, Texas 75703, USA

Product: **C8 Protein**
Catalog # **A125 Lot #**
Exp. Date:

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 $E^{1\%}_{280\text{nm}} = 14.9$	1.01 mg/ml
FILL VOLUME	0.250 – 0.260 mL	0.260 mL
BUFFER	Phosphate buffered saline, pH 7.2	Phosphate buffered saline, pH 7.2
PRESERVATIVE	None, filtered through a 0.22 μm pore size filter.	None, filtered through a 0.22 μm pore size filter.
PURITY	> 85% by SDS PAGE	\geq 95%
FUNCTIONAL ACTIVITY	Titer >150,000 C8H50/mg >70% of C8 activity in NHS on a mg/mg basis.	521,000 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 I/2	Negative	Negative
ANTI-HCV	Negative	Negative
HCV by NAT	Negative	Negative
HIV by NAT	Negative	Negative
HBV by NAT	Negative	Negative
HTLV I/II	Negative	Negative
West Nile Virus (WNV) by NAT	Negative	Negative
ANTI-Syphilis	Negative	Negative

STORE AT -70°C or BELOW.

Thaw quickly at 37°C, mix, and put in an ice+water bath to cool.

Avoid Repeated Freeze/Thaw

Signature of Analyst

Date of Analysis