

CERTIFICATE OF ANALYSIS

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

Product: **C6 Protein**
Catalog # **A123** Lot #
Exp. Date:

Description: C6 Purified Human Complement Protein

<u>Specifications</u>	<u>Limits</u>	<u>Results</u>
PROTEIN CONCENTRATION	0.95 – 1.2 mg/mL C6 C6 has an extinction coefficient of $E^{1\%}_{280\text{nm}} = 10.0$	1.04 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 μm pore size filter.	None, filtered through a 0.22 μm pore size filter.
PURITY	> 85% by SDS PAGE	$\geq 90\%$ by SDS PAGE
FUNCTIONAL ACTIVITY	Titer >350,000 C6H50/mg >70% of C6 activity in NHS On a mg/mg basis.	2,747,000 Units/mg 100%
PRESENCE OF OTHER FUNCTIONALLY ACTIVE COMPLEMENT COMPONENTS	\leq trace amounts ($\leq 0.1\%$) of functionally active C7, C5, C8, or C9	Conforms
IMMUNOCHEMISTRY (DILUTION OUCHTERLONIES)	\leq trace amounts of IgG, IgA, IgM, albumin, C3, C4, Factor B or Factor H.	Conforms
HUMAN SERUM/PLASMA STARTING MATERIAL		
ANTI-HIV-1/2 ANTIBODIES	Negative	Negative
ANTI-HCV ANTIBODIES	Negative	Negative
HBsAg	Negative	Negative
HTLV-I/II	Negative	Negative
STS	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

FOR RESEARCH USE ONLY
NOT FOR HUMAN OR DRUG USE

Signature of Analyst

Date of Analysis