

CERTIFICATE OF ANALYSIS

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

Product: **C1-INH**
Catalog # **A140** Lot #
Exp. Date:

Description: Purified Human Complement Protein C1 Esterase Inhibitor

<u>Specifications</u>	<u>Limits</u>	<u>Results</u>
PROTEIN CONCENTRATION	0.95 – 1.2 mg/mL. C1-INH has an extinction coefficient of $E^{1\%/280\text{nm}} = 4.5$	1.03 mg/ml
FILL VOLUME	1.0 – 1.2 mL	1.05 mL
BUFFER	Phosphate Buffered Saline (10 mM sodium phosphate, 145 mM NaCl), pH 7.3	Phosphate Buffered Saline (10mM sodium phosphate, 145mM NaCl), pH 7.3
PRESERVATIVE	None, filtered through a 0.22 μm pore size filter.	None, filtered through a 0.22 μm pore size filter.
PURITY	$\geq 90\%$	> 95% by SDS-PAGE
FUNCTIONAL ACTIVITY	$\geq 80\%$ of C1-INH will bind activated C1s	> 90%
IMMUNOCHEMISTRY (DILUTION OUCHTERLONIES)	\leq trace amounts of IgG, IgA, IgM, albumin, C3, C4, or ceruloplasmin	Conforms
HUMAN SERUM/PLASMA STARTING MATERIAL		
ANTI-HIV-1/2 Plus O	Negative	Negative
HIV-1 RNA	Negative	Negative
ANTI-HCV 3.0	Negative	Negative
HCV RNA	Negative	Negative
HBsAg	Negative	Negative
ANTI-HBc	Negative	Negative
HTLV-I/II	Negative	Negative
WNV	Negative	Negative
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

FOR RESEARCH USE ONLY
NOT FOR HUMAN OR DRUG USE

Signature of Analyst

Date of Analysis

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