

CERTIFICATE OF ANALYSIS

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

Product: C2 Protein
Catalog # A112 Lot #
Exp. Date:

Description: Purified Human Complement Protein C2

<u>Specifications</u>	<u>Limits</u>	<u>Results</u>
PROTEIN CONCENTRATION	0.50– 0.60 mg/mL. C2 has an extinction coefficient of $E^{1\%}_{280\text{nm}} = 8.9$	0.53 mg/mL
FILL VOLUME	0.100 – 0.120 mL	0.110 mL
BUFFER	Phosphate buffered saline, pH 6.0	Phosphate buffered saline, pH 6.0
PRESERVATIVE	None, filtered through a 0.22 μm pore size filter.	None, filtered through a 0.22 μm pore size filter.
PURITY	$\geq 90\%$	$\geq 94\%$ by SDS PAGE
FUNCTIONAL ACTIVITY	Titer $\geq 4 \times 10^5$ C2H50 Units/mg. $\geq 70\%$ of C2 activity in NHS on a mg/mg basis	6,289,000 U/mg 100%
IMMUNOCHEMISTRY	\leq trace amounts of C1, C3, C4, C5, IgG, IgA, IgM, albumin, Factor B or hemopexin	Conforms
HUMAN SERUM/PLASMA STARTING MATERIAL		
HBsAg	Negative	Negative
HBc	Negative	Negative
Anti-HIV 1 and 2	Negative	Negative
Anti-HTLV-I/II	Negative	Negative
Anti-HCV	Negative	Negative
Anti-Syphilis	Negative	Negative
HCV by NAT	Negative	Negative
HIV by NAT	Negative	Negative
HBV by NAT	Negative	Negative
WNV by NAT	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