

CERTIFICATE OF ANALYSIS

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

Product: **C3d**
Catalog # **A117 Lot #**
Exp. Date:

Description: C3d Purified Human Complement Protein

<u>Specifications</u>	<u>Limits</u>	<u>Results</u>
PROTEIN CONCENTRATION	1.0 – 1.2 mg/mL. C3d has an extinction coefficient of $E^{1\%}_{280\text{nm}} = 10.3$	1.05 mg/ml
FILL VOLUME	0.100 – 0.120 mL	0.110 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%	\geq 97% by SDS-PAGE
IMMUNOCHEMISTRY	\leq trace amounts of IgG, IgA, IgM, C5, Factor H, or Factor I	Conforms
HUMAN SERUM/PLASMA STARTING MATERIAL		
HBsAg 3.0	Negative	Negative
Anti-HIV 1 and 2 Plus O	Negative	Negative
Anti-HCV 3.0	Negative	Negative
HIV-1/HCV/HBV by NAT	Negative	Negative
West Nile Virus (WNV) by NAT	Negative	Negative
Anti-Syphilis	Negative	Negative
Anti-HTLV I/II	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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