

CERTIFICATE OF ANALYSIS

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

Product: **C3a**
Catalog # **A118** Lot #
Exp. Date:

Description: C3a Purified Human Complement Protein

<u>Specifications</u>	<u>Limits</u>	<u>Results</u>
PROTEIN CONCENTRATION	0.10 – 1.2 mg/mL. C3a has an extinction coefficient of $E^{1\%}_{276nm} = 4.1$	0.51 mg/ml
FILL VOLUME	0.100 – 0.110 mL	0.110 mL
BUFFER	Phosphate, buffered Saline, pH 7.2	Phosphate, buffered saline, pH 7.2
PRESERVATIVE	None, filtered through a 0.22 μ m pore size filter.	None, filtered through a 0.22 μ m pore size filter.
PURITY	> 90%	> 98% by SDS-PAGE
MASS SPECTROMETRY	Ave. Mass = 9089	9089 by ESI
PRESENCE OF C3a desArg	\leq 10%	< 2% by HPLC
ENDOTOXIN	< 1 EU/ μ g	< 0.01 EU/ μ g
HUMAN SERUM/PLASMA STARTING MATERIAL		
HBsAg	Negative	Negative
ANTI-HIV1/2	Negative	Negative
ANTI-HCV	Negative	Negative
HCV by NAT	Negative	Negative
HIV-1 by NAT	Negative	Negative
HBV by NAT	Negative	Negative
West Nile Virus (WNV) by NAT	Negative	Negative
ANTI-Syphilis	Negative	Negative
HTLV I/II	Negative	Negative
ANTI-HBc	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