

CERTIFICATE OF ANALYSIS

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

Product: **C4a**
Catalog # **A106 Lot #**
Exp. Date:

Description: C4a Purified Human Complement Protein

<u>Specifications</u>	<u>Limits</u>	<u>Results</u>
PROTEIN CONCENTRATION	0.50 – 0.60 mg/mL. C4a has an extinction coefficient of $E^{1\%}_{276\text{nm}} = 4.56$	0.52 mg/ml
FILL VOLUME	0.100 – 0.110 mL	0.110 mL
BUFFER	10 mM HEPES, 120 mM NaCl, pH 7.0	10 mM HEPES, 120 mM NaCl, pH 7.0
PRESERVATIVE	None, filtered through a 0.22 μm pore size filter.	None, filtered through a 0.22 μm pore size filter.
PURITY	> 90%	95% by SDS-PAGE
MASS SPECTROMETRY	Ave. Mass = 8757 ± 9 by MALDI-TOF	8762 by MALDI-TOF ($\pm 0.1\%$ Accuracy)
HUMAN SERUM/PLASMA STARTING MATERIAL		
HBsAg	Negative	Negative
Anti-HIV1/2	Negative	Negative
Anti-HCV	Negative	Negative
HIV/HCV/HBV by NAT	Negative	Negative
West Nile Virus (WNV) by NAT	Negative	Negative
Anti-Syphilis	Negative	Negative
Zika RNA NAT	Negative	Negative
Anti-HBc	Negative	Negative
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