

# CERTIFICATE OF ANALYSIS

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

Product: **C4a desArg**  
Catalog # **A107** Lot #  
Exp. Date:

Description: C4a desArg Purified Human Complement Protein

<u>Specifications</u>	<u>Limits</u>	<u>Results</u>
PROTEIN CONCENTRATION	0.50 – 0.60 mg/mL. C4adesArg has a computer calculated extinction coefficient of $E^{1\%/280 \text{ nm}} = 4.56$	0.53 mg/ml
FILL VOLUME	0.100 – 0.110 mL	0.110 mL
BUFFER	10 mM HEPES, 120 mM NaCl, pH 7.2	10 mM HEPES, 120 mM NaCl, pH 7.2
PRESERVATIVE	None, filtered through a 0.22 $\mu\text{m}$ pore size filter.	None, filtered through a 0.22 $\mu\text{m}$ pore size filter.
PURITY	> 90%	> 96% by SDS-PAGE
MASS SPECTROMETRY	Ave. Mass = $8599 \pm 9$ by MALDI-TOF	8603 by MALDI-TOF ( $\pm 0.1\%$ Accuracy)
HUMAN SERUM/PLASMA STARTING MATERIAL		
HBsAg	Negative	Negative
Anti-HBc	Negative	Negative
Anti-HIV 1 and 2 Plus O	Negative	Negative
Anti-HCV	Negative	Negative
Anti-Syphilis	Negative	Negative
HIV-1/HCV/HBV by NAT	Negative	Negative
West Nile Virus (WNV) by NAT	Negative	Negative
HTLV 1 and 2	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**

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Signature of Analyst

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Date of Analysis