

# CERTIFICATE OF ANALYSIS

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

Product: **C5a**  
Catalog # **A144 Lot #**  
Exp. Date:

Description: C5a Purified Human Complement Protein (C5a Anaphylatoxin)

<u>Specifications</u>	<u>Limits</u>	<u>Results</u>
PROTEIN CONCENTRATION	0.50 – 0.55 mg/mL Using an extinction coefficient of $E^{1\%}_{280nm} = 4.1$	0.51 mg/ml (50 $\mu$ M @ 10,400 MW)
FILL VOLUME	0.060 – 0.070 mL	0.066 mL
BUFFER	10mM HEPES 120 mM NaCl, pH 7.2	10 mM HEPES 120 mM NaCl, pH 7.2
PRESERVATIVE	None, filtered through a 0.22 $\mu$ m pore size filter.	None, filtered through a 0.22 $\mu$ m pore size filter.
PURITY	> 90%	$\geq$ 95% by SDS-PAGE
ENDOTOXIN	< 1 EU/ $\mu$ g	0.01 EU/ $\mu$ g
HUMAN SERUM/PLASMA STARTING MATERIAL		
HBsAg	Negative	Negative
ANTI-HBc	Negative	Negative
ANTI-HIV1/2 Plus O	Negative	Negative
ANTI-HCV	Negative	Negative
HCV by NAT	Negative	Negative
HIV 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

**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