

# CERTIFICATE OF ANALYSIS

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

Product: **C9 Protein**  
Catalog # **A126** Lot #  
Exp. Date

Description: C9 Purified Human Complement Protein

<u>Specifications</u>	<u>Limits</u>	<u>Results</u>
PROTEIN CONCENTRATION	0.50 – 1.2 mg/mL C9 C9 has an extinction coefficient of $E^{1\%}_{280\text{nm}} = 9.88$	1.05 mg/ml
FILL VOLUME	0.250 – 0.275 mL	0.270 mL
BUFFER	Phosphate buffered saline, pH 7.2	Phosphate buffered saline, 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	> 85% by SDS PAGE	>98% by SDS PAGE
FUNCTIONAL ACTIVITY	Titer >150,000 C9H50/mg  >70% of C9 activity in NHS on a mg/mg basis.	462,000 Units/mg  >100%
IMMUNOCHEMISTRY	$\leq$ trace amounts of IgG, IgA, IgM, albumin, C3, C4, C5, C6, C7 or C8	None Detected
HUMAN SERUM/PLASMA STARTING MATERIAL		
ANTI-HIV-I ANTIBODIES	Negative	Negative
ANTI-HIV-II ANTIBODIES	Negative	Negative
ANTI-HCV ANTIBODIES	Negative	Negative
HBsAg	Negative	Negative
HIV-1 p24 Ag	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