

# CERTIFICATE OF ANALYSIS

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

**Product: Anti-C1 Esterase Inhibitor**  
**Catalog # A240 Lot #**  
Exp. Date:

Description: Goat Anti-Human C1 Esterase Inhibitor

<u>Specifications</u>	<u>Limits</u>	<u>Results</u>
PROTEIN CONCENTRATION	> 40 mg/mL	55 mg/mL
FILL VOLUME	1.0 – 1.1 mL	1.1 mL
PHYSICAL APPEARANCE	Clear, straw colored	Conforms
PRESERVATIVE	0.09 % sodium azide	Conforms
DELIPIDATION	Required	Conforms
IMMUNODIFFUSION TITER	Against normal human serum, a clear precipitate line forms at a dilution $\geq$ 1:4	Dilution = 1:8
SPECIFICITY	Reacts only with C1 Esterase Inhibitor in NHS	Conforms
IDENTITY	Forms a precipitin line of Identity in Ouchterlony with competitor's antisera when tested against NHS.	Conforms
ELISA TITER	Dilution at which antisera yields $\geq$ 0.5 A <sub>405</sub> signal in 20 min with 1:2,000 Anti-Goat-IgG- Alkaline Phosphatase second Ab.	Dilution = 1:4,000

**Short term storage (<30 days) at 4°C.**  
**Longer term storage at  $\leq$  -20°C.**  
**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