

CERTIFICATE OF ANALYSIS

Complement Technology, Inc.
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Product: **CVF**
Catalog # **A150** Lot #
Exp. Date:

Description: Purified Cobra Venom Factor (CVF)

<u>Specifications</u>	<u>Limits</u>	<u>Results</u>
PROTEIN CONCENTRATION	1.0 – 1.2 mg/mL. CVF has an Extinction coefficient of $E^{1\%}_{280 \text{ nm}} = 10.0$	1.03 mg/mL
FILL VOLUME	1.0 – 1.2 mL	1.05 mL
BUFFER	Phosphate buffered saline, pH 7.2	Conforms
PRESERVATIVE	None, filtered through a 0.22 μm pore size filter	Conforms
PURITY	$\geq 95\%$	95%
FUNCTIONAL ACTIVITY	≥ 250 units/mL ≤ 4 $\mu\text{g}/\text{unit}$	485 units/mL 2.1 $\mu\text{g}/\text{unit}$
PHOSPHOLIPASE ACTIVITY	None Detectable	Conforms
STARTING MATERIAL	Lyophilized venom from cobra Naja naja kaouthia	Conforms

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