

CERTIFICATE OF ANALYSIS

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

Product: **C5a desArg**
Catalog # **A145 Lot #**
Exp. Date:

Description: C5a desArg Purified Human Complement Protein

| <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 (54 μ M @ 10,250 MW) |
| FILL VOLUME | 0.100 – 0.110 mL | 0.105 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 μ m pore size filter. | None, filtered through a 0.22 μ m pore size filter. |
| PURITY | > 90% | > 95% by SDS-PAGE |
| ENDOTOXIN | < 1 EU/ μ g | 0.02 EU/ μ g |
| HUMAN SERUM/PLASMA STARTING MATERIAL | | |
| HBsAg | Negative | Negative |
| Anti-HIV 1 and 2 | Negative | Negative |
| Anti-HCV | Negative | Negative |
| STS | Negative | Negative |
| HIV by NAT | Negative | Negative |
| Anti-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