

CERTIFICATE OF ANALYSIS

Complement Technology, Inc.
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Tyler, Texas 75703, USA

Product: Mouse C3b
Catalog # M114 Lot #
Exp. Date:

Description: C3b Purified Mouse Complement Protein

<u>Specifications</u>	<u>Limits</u>	<u>Results</u>
PROTEIN CONCENTRATION	0.95 – 1.2 mg/mL. C3b has an extinction coefficient of $E^{1\%}_{280\text{nm}} = 9.94^*$	1.03 mg/ml
FILL VOLUME	0.100 – 0.110 mL	0.110 mL
BUFFER	Phosphate, buffered Saline, pH 7.2	Phosphate, buffered saline, pH 7.2
PRESERVATIVE	None, filtered through a 0.22 μm pore size filter.	None, filtered through a 0.22 μm pore size filter.
PURITY	> 90%	\geq 93% by SDS-PAGE
IMMUNOCHEMISTRY	\leq trace amounts of IgG, IgM, albumin	Conforms
STARTING MATERIAL	Mouse serum from healthy animals	Conforms
GENDER	Mixed	Conforms

* Extinction coefficient is calculated from the amino acid sequence of mouse C3 using ProtParam and assumes all pairs of Cys residues form cystines.

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