

CERTIFICATE OF ANALYSIS

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

Product: Factor B
Catalog # A135 Lot #
Exp. Date:

Description: Factor B Purified Human Complement Protein

<u>Specifications</u>	<u>Limits</u>	<u>Results</u>
PROTEIN CONCENTRATION	1.0 – 1.1 mg/mL. Factor B has an extinction coefficient of $E^{1\%}_{280\text{nm}} = 12.7$	1.04 mg/ml
FILL VOLUME	0.250 – 0.275 mL	0.260 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 97% by SDS-PAGE
FUNCTIONAL ACTIVITY	\geq 1,200 Factor BH50 U/mg \leq 0.8 μg Factor B to yield 1 Factor BH50 unit \geq 50% of Factor B activity in NHS on a mg/mg basis	7,690 U/mg 0.13 μg 100% Active
IMMUNOCHEMISTRY	\leq trace amounts of IgG, IgA, IgM, albumin, C2, C3, C4, Factor H, or Factor I	Conforms
HUMAN SERUM/PLASMA STARTING MATERIAL		
HBsAg	Negative	Negative
Anti-HIV 1 & 2 Plus O	Negative	Negative
Anti-HCV	Negative	Negative
HCV/HIV/HBV by NAT	Negative	Negative
West Nile Virus (WNV) by NAT	Negative	Negative
Anti- Syphilis	Negative	Negative
HTLV I & II	Negative	Negative
Anti-HBc	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

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