

# CERTIFICATE OF ANALYSIS

**Complement Technology, Inc.**

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Tyler, Texas 75703, USA

Product: **Zymosan**Catalog # **B400** Lot #

Exp. Date:

Product: Zymosan, Pre-activated

Description: Zymosan is prepared from actively growing yeast (*Saccharomyces cerevisiae*). After removal of cellular contents the isolated cell walls remain. This is zymosan and it is primarily composed of the polysaccharide mannan and other polysaccharide polymers.

Activation: Fresh zymosan, and especially zymosan stored as a dried powder, must be activated to develop its full complement-activating activity. This is done by refluxing zymosan in saline at 100°C for two hours. This process has been done for zymosan offered by CompTech and it is sold as a pre-activated suspension in saline.

**Specifications****Limits****Results**

CONCENTRATION	0.8 – 1.2 x 10 <sup>9</sup> particles/mL 9 – 11 mg/mL	1.0 x 10 <sup>9</sup> /mL 10.0 mg/mL
FILL VOLUME	9.5 – 10.5 mL	10.5 mL
BUFFER	Normal Saline	Normal Saline
PRESERVATIVE	None	None
SOURCE ORGANISM	<i>S. cerevisiae</i>	<i>S. cerevisiae</i>

**Store at -70°C or below.****Thaw quickly at 37°C, mix, and put in an ice+water bath to cool.****Not Sensitive to 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