

Catalog Number C11254
Product Name concanavalin A, Alexa Fluor® 350 conjugate
Appearance white solid
Lot Number 1712140

	LOT DATA	SPECIFICATION
ABSORPTION		
Maximum	347 nm	349 ± 5 nm
Degree of Labeling ¹	5	4 – 7
FLUORESCENCE		
Emission Maximum	438 nm	440 ± 5 nm
Relative Quantum Yield ²	0.8	≥ 0.4
PURITY³		
TLC	meets specification	negligible or no free dye detected

1. Moles of dye per mole of protein, determined using an ϵ of $19,000 \text{ cm}^{-1} \text{ M}^{-1}$ at the absorption maximum.

2. Quantum yield determined relative to 7-amino-4-methylcoumarin.

3. Solvent: 70% chloroform/25% methanol/5% acetic acid.

Rachel Smith, Ph.D., Quality Assurance

06-Jul-2015

Life Technologies Corporation, on behalf of its Invitrogen business, Molecular Probes® labeling and detection technologies, certifies on the date above that this is an accurate record of the analysis of the subject lot and that the data conform to the specifications in effect for this product at the time of analysis.