

Catalog Number I21413  
Product Name isolectin GS-IB<sub>4</sub> from *Griffonia simplicifolia*, Alexa Fluor® 594 conjugate  
Appearance purple solid  
Lot Number 1688749

Small variation in color is possible, but should not affect product performance.

	LOT DATA	SPECIFICATION
<b>ABSORPTION</b>		
Maximum	593 nm	596 ± 5 nm
Degree of Labeling <sup>1</sup>	2	1 – 4
<b>FLUORESCENCE</b>		
Emission Maximum	625 nm	625 ± 5 nm
Relative Quantum Yield <sup>2</sup>	0.6	≥ 0.3
<b>PURITY<sup>3</sup></b>		
TLC	meets specification	negligible or no free dye detected

1. Moles of dye per mole of protein, determined using an  $\epsilon$  of  $90,000 \text{ cm}^{-1} \text{ M}^{-1}$  at the absorption maximum.
2. Quantum yield determined relative to sulforhodamine 101.
3. Solvent: 80% acetonitrile/20% water.

Rachel Smith, Ph.D., Quality Assurance

03-Mar-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.