

Catalog Number I21413
Product Name isolectin GS-IB₄ from *Griffonia simplicifolia*, Alexa Fluor® 594 conjugate
Appearance purple solid
Lot Number 2196236

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

	LOT DATA	SPECIFICATION
ABSORPTION		
Maximum	593 nm	596 ± 5 nm
Degree of Labeling ¹	3	1 – 4
FLUORESCENCE		
Emission Maximum	626 nm	625 ± 5 nm
Relative Quantum Yield ²	0.6	≥ 0.3
PURITY³		
TLC	meets specification	negligible or no free dye detected

1. Moles of dye per mole of protein, determined using an ϵ of 90,000 cm⁻¹M⁻¹ at the absorption maximum

2. Quantum yield determined relative to sulforhodamine 101

3. Solvent: 80% acetonitrile/20% water



Rachel Smith, Quality Assurance Manager
 28-Feb-2020

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.