

Catalog Number I21412
Product Name isolectin GS-IB₄ from *Griffonia simplicifolia*, Alexa Fluor® 568 conjugate
Appearance purple solid
Lot Number 2373256

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

| | LOT DATA | SPECIFICATION |
|-------------------------------------|---------------------|------------------------------------|
| ABSORPTION | | |
| Maximum | 580 nm | 580 ± 5 nm |
| Degree of Labeling ¹ | 3 | 2 – 4 |
| FLUORESCENCE | | |
| Emission Maximum | 610 nm | 611 ± 5 nm |
| Relative Quantum Yield ² | 0.5 | ≥ 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 91,300 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
 15-Oct-2021

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.