

**Catalog Number** S21384  
**Product Name** streptavidin, Alexa Fluor® 750 conjugate  
**Appearance** blue solid  
**Lot Number** 2418525

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

	LOT DATA	SPECIFICATION
<b>ABSORPTION</b>		
Maximum	755 nm	755 ± 5 nm
Degree of Labeling <sup>1</sup>	3	2 – 3
<b>FLUORESCENCE</b>		
Emission Maximum	771 nm	772 ± 5 nm
Relative Quantum Yield <sup>2</sup>	5.2	≥ 2.5
<b>MICROSCOPY</b>		
Immunocytochemistry <sup>3</sup>	meets specification	good staining, negligible background
<b>PURITY<sup>4</sup></b>		
TLC	meets specification	negligible or no free dye detected

1. Moles of dye per mole of protein, determined using an  $\epsilon$  of 270,000 cm<sup>-1</sup>M<sup>-1</sup> at the absorption maximum

2. Quantum yield determined relative to IR 125

3. Cell staining performed using a primary antibody specific for cell type and isotype, and this product

4. Solvent: 80% acetonitrile/20% water



Rachel Smith, Quality Assurance Manager  
 13-Jan-2022

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.