

**Catalog Number** F1906  
**Product Name** fluorescein-5-isothiocyanate (FITC 'Isomer I') \*special packaging\*  
**Appearance** orange solid  
**Lot Number** 2486534

	LOT DATA	SPECIFICATION
<b>Absorption<sup>1</sup></b>		
Maximum	494 nm	494 ± 3 nm
Extinction	75000 cm <sup>-1</sup> M <sup>-1</sup>	78000 ± 7000 cm <sup>-1</sup> M <sup>-1</sup>
<b>Fluorescence<sup>1</sup></b>		
Emission Maximum	521 nm	520 ± 4 nm
<b>HPLC<sup>2</sup></b>		
Isomer Purity	99 % at 254 nm	≥ 97 % at 254 nm
<b>HPLC<sup>3</sup></b>		
Purity	97 % at 254 nm	≥ 95 % at 254 nm
<b>NMR</b>		
Result	meets specification	consistent with structure
<b>Miscellaneous Information</b>		
Material Lot Number	2476781	n.a.

1. Solvent: Buffer, 50 mM potassium phosphate (pH 9)

2. Method: Compositional Analysis

3. Method: Derivatized with n-butylamine. Purity value represents total reactive dye content



Aaron Rider, Quality Control Supervisor  
 18-Jul-2022

Life Technologies Corporation 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.