

Catalog Number F1907
Product Name fluorescein-5-isothiocyanate (FITC 'Isomer I') *special packaging*
Appearance orange solid
Lot Number 2508030

	LOT DATA	SPECIFICATION
Absorption¹		
Maximum	494 nm	494 ± 3 nm
Extinction	75000 cm ⁻¹ M ⁻¹	78000 ± 7000 cm ⁻¹ M ⁻¹
Fluorescence¹		
Emission Maximum	521 nm	520 ± 4 nm
HPLC²		
Isomer Purity	99 % at 251 nm	≥ 97 % at 254 nm
HPLC³		
Purity	97 % at 254 nm	≥ 95 % at 254 nm
NMR		
Result	meets specification	consistent with structure
Miscellaneous Information		
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.