

Catalog Number F1906
Product Name fluorescein-5-isothiocyanate (FITC 'Isomer I') *special packaging*
Appearance orange solid
Lot Number 2743031

	LOT DATA	SPECIFICATION
Absorption¹ Maximum Extinction	494 nm 75000 cm ⁻¹ M ⁻¹	494 ± 3 nm 78000 ± 7000 cm ⁻¹ M ⁻¹
Fluorescence¹ Emission Maximum	521 nm	520 ± 4 nm
HPLC² Isomer Purity	99 % at 254 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



Zach Luedtke, Quality Assurance Manager
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.