

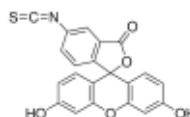
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## Product Specification

Product Name:  
Fluorescein 5(6)-isothiocyanate - ≥90% (HPLC)

**Product Number:** F3651  
**CAS Number:** 27072-45-3  
**MDL:** MFCD00005063  
**Formula:** C<sub>21</sub>H<sub>11</sub>NO<sub>5</sub>S  
**Formula Weight:** 389.38 g/mol  
**Storage Temperature:** 2 - 8 °C



TEST	Specification
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Appearance (Color)	Yellow to Orange
Appearance (Form)	Powder
Solubility (Color)	Very Faint Yellow to Yellow and Very Faint Green-Yellow to Green-Yellow
Solubility (Turbidity)	Clear
1 mg/mL, Acetone	
1H NMR Spectrum	Conforms to Structure
Water (by Karl Fischer)	≤ 6.5 %
Purity (HPLC)	≥ 90 %
Based on Isomer I and Isomer II	
Carbon (anhydrous)	54.1 - 71.0 %
Nitrogen (anhydrous)	3.0 - 4.0 %

Specification: PRD.4.ZQ5.10000016086

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.