



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-300695  
Lot Number: SAMPLE  
Product Name: Fluorescein-5-EX N-hydroxysuccinimide ester  
CAS Number:  
Molecular Formula:  $C_{29}H_{22}N_2O_{10}S$   
Molecular Weight: 590.56

Test	Specification	Result
Appearance	Yellow to orange powder or solid	Orange solid
Identification ( $^1H$ -NMR)	Consistent with structure	Complies
Purity (HPLC)	$\geq 90\%$ at 254 nm isomer purity: $\geq 97\%$ at 254 nm	90% 99%
Extinction Coefficient	EmM: 70.0 - 82.0 in 50 mM phosphate buffer, pH 9.0	71.0
Wavelength	511 - 519 nm	515 nm

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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