



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-205993
Lot Number: SAMPLE
Product Name: 5(6)-Carboxyfluorescein N-hydroxysuccinimide ester
CAS Number: 117548-22-8
Molecular Formula: $C_{25}H_{15}NO_9$
Molecular Weight: 473.39

Test	Specification	Result
Appearance		Orange solid
Purity (HPLC)	$\geq 90\%$ at 254 nm	96% at 254 nm
Purity (TLC)	$\geq 90\%$	> 98%
Absorption Excitation	495 \pm 3 nm (Buffer pH 10)	495 nm
Extinction Coefficient	75,000 \pm 5,000 cm ⁻¹ M ⁻¹ (Buffer pH 10)	78,600 cm ⁻¹ M ⁻¹
Fluorescence Emission Max	519 \pm 4 nm (Buffer pH 10)	518 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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