



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-210302
Lot Number: SAMPLE
Product Name: 5-Carboxyfluorescein-N-hydroxysuccinimide Ester
CAS Number: 92557-80-7
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	95%
Purity (TLC)	$\geq 90\%$	> 98%
Extinction Coefficient	$77000 \pm 5000 \text{ cm}^{-1}\text{M}^{-1}$	$79800 \text{ cm}^{-1}\text{M}^{-1}$
Fluorescence Emission Max	$520 \pm 4 \text{ nm}$	518 nm
λ_{max}	$495 \pm 3 \text{ nm}$	493 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.

Santa Cruz Biotechnology, Inc. 800.457.3801 831.457.3800 fax 831.457.3801 Europe +00800 4573 8000 49 62221 4503 0 www.scbt.com