



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-214341
Lot Number: SAMPLE
Product Name: 5(6)-Carboxytetramethylrhodamine
CAS Number: 98181-63-6
Molecular Formula: $C_{25}H_{22}N_2O_5$
Molecular Weight: 430.45

Test	Specification	Result
Appearance		Green metallic solid
Purity (HPLC)	$\geq 90\%$ at 254 nm	99%
Purity (TLC)	$\geq 90\%$	> 99%
Extinction Coefficient	92000 ± 6000 cm ⁻¹ M ⁻¹	86900 cm ⁻¹ M ⁻¹
λ_{max}	540 ± 3 nm	540 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