



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-215959
Lot Number: SAMPLE
Product Name: Tetramethylrhodamine methyl ester perchlorate
CAS Number: 115532-50-8
Molecular Formula: $C_{25}H_{25}N_2O_3 \cdot ClO_4$
Molecular Weight: 500.93

Test	Specification	Result
Purity (HPLC)	$\geq 95\%$ at 254 nm	99% at 254 nm
Extinction Coefficient	114000 ± 7000 cm ⁻¹ M ⁻¹	110300 cm ⁻¹ M ⁻¹
Fluorescence Emission Max	574 \pm 4 nm (methanol)	574 nm
λ_{max}	560 \pm 3 nm	550 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