



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-218318
Lot Number: SAMPLE
Product Name: Eosine-5-isothiocyanate
CAS Number: 60520-47-0
Molecular Formula: $C_{21}H_7Br_4NO_5S$
Molecular Weight: 704.96

Test	Specification	Result
Appearance		Orange solid
Purity (HPLC)	$\geq 85\%$ at 254 nm	95%
Purity (TLC)	$\geq 85\%$	> 97%
Absorption Excitation	522 $\pm$ 3 nm (Buffer pH10)	521 nm
Extinction Coefficient	95,000 $\pm$ 6,000 cm ⁻¹ M ⁻¹	92,500 cm ⁻¹ M ⁻¹
Fluorescence Emission Max	543 $\pm$ 4 nm (Buffer pH10)	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