



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-210422
Lot Number: SAMPLE
Product Name: 5(6)-Carboxy-X-rhodamine N-succinimidyl ester
CAS Number: 114616-32-9
Molecular Formula: $C_{37}H_{33}N_3O_7$
Molecular Weight: 631.67

Test	Specification	Result
Appearance		Purple solid
Identification (NMR)	Consistent with structure	Complies
Purity (HPLC)	> 85%	90%
Purity (TLC)		90%
Absorption Excitation	575 \pm 3 nm	574 nm
Extinction Coefficient	85000 \pm 5000 $cm^{-1}M^{-1}$	88560 $cm^{-1}M^{-1}$

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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