



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-212041
Lot Number: SAMPLE
Product Name: N-[2-(Dansylamino)ethyl]maleimide
CAS Number: 160291-45-2
Molecular Formula: $C_{18}H_{19}N_3O_4S$
Molecular Weight: 373.43

Test	Specification	Result
Appearance	Faint beige to beige powder to fine crystals with lumps	Faintly beige powder
Identification (1H-NMR)	Corresponds to standard spectrum	Complies
Identification (13C-NMR)	Corresponds to standard spectrum	Complies
Purity (HPLC)	$\geq 99.0\%$ REL	99.3%
Melting Point	154 - 156 °C	155 °C
Emission Spectrum	Emission Maximum: 547 \pm 5 nm	547
Carbon Content	57.90%	58.60%
Hydrogen Content	5.13%	5.11%
Nitrogen Content	11.25%	11.33%

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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