



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-210586
Lot Number: SAMPLE
Product Name: 7-(Diethylamino)coumarin-3-carboxylic acid
CAS Number: 50995-74-9
Molecular Formula: $C_{14}H_{15}NO_4$
Molecular Weight: 261.27

Test	Specification	Result
Appearance		Yellow solid
Identification (NMR)	Consistent with structure	Complies
Purity (HPLC)		99% at 254 nm
TLC		Complies
Absorption Excitation		409 nm in Buffer pH 8
Extinction Coefficient		$33800 \text{ cm}^{-1}\text{M}^{-1}$
Fluorescence Emission Max		473 nm in Buffer pH 8

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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