



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-239137
Lot Number: SAMPLE
Product Name: 9-Chloro-9-phenylxanthene
CAS Number: 42506-03-6
Molecular Formula: $C_{19}H_{13}ClO$
Molecular Weight: 292.76

Test	Specification	Result
Appearance	White to orange to tan powder powder to crystals	Light orange crystals
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (Argentometric Titration)	96.5 - 103.5%	97.9%
Purity (HPLC)	$\geq 96.5\%$	99.8%
Solubility	Yellow to orange clear solution at 25 mg/ml in CHCL3	Yellow clear solution at 25 mg/ml in CHCL3

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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