



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-251653
Lot Number: SAMPLE
Product Name: (1S)-(+)-Camphorquinone
CAS Number: 2767-84-2
Molecular Formula: $C_{10}H_{14}O_2$
Molecular Weight: 166.22

Test	Specification	Result
Appearance	Light yellow to dark yellow powder or fibers	Yellow fibers
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (GC)	$\geq 98.5\%$	99.4%
Solubility	Dark yellow and clear solution at 50 mg/ml in ethanol	Complies
Optical Rotation	$101.0 \pm 3.0^\circ$ ($c = 1.9$, toluene)	98.2°

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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