



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-251642
Lot Number: SAMPLE
Product Name: (1R)-(-)-Camphorquinone
CAS Number: 10334-26-6
Molecular Formula: $C_{10}H_{14}O_2$
Molecular Weight: 166.22

Test	Specification	Result
Appearance	Light yellow to yellow powder to crystal	Yellow crystal
Purity (GC)	$\geq 98.0\%$	99.9%
Melting Point	200.0 - 204.0 °C	200.7 °C
Solubility	Almost transparency in methanol	Complies
Specific Rotation ($\alpha_{20/D}$)	-95.0 - -105° (c = 1, toluene)	-102.8°

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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