



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-250863
Lot Number: SAMPLE
Product Name: (R)-(+)-1-(2-Naphthyl)ethanol
CAS Number: 52193-85-8
Molecular Formula: $C_{12}H_{12}O$
Molecular Weight: 172.22

Test	Specification	Result
Appearance	White to off-white powder or crystals	White powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (GC)	$\geq 97.5\%$	99.9%
Solubility	Clear to very slightly hazy and colorless to faint yellow solution at 50 mg/ml in ethanol	Clear colorless solution at 50 mg/ml in ethanol
Optical Rotation	37.0 - 43.0° (c = 5%, ethanol)	40.5°

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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