



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-229076
Lot Number: SAMPLE
Product Name: (R)-(+)-3-Methylcyclohexanone
CAS Number: 13368-65-5
Molecular Formula: $C_7H_{12}O$
Molecular Weight: 112.17

Test	Specification	Result
Appearance	Colorless to yellow liquid	Colorless liquid
Enantiomeric Excess	$\geq 98.5\%$	99.6%
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (GC)	$\geq 97.5\%$	99.3%
Optical Rotation	12.5 - 14.5° (c = neat)	13.4°

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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