



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-239017
Lot Number: SAMPLE
Product Name: (4S)-(+)-Phenyl- α -[(4S)-phenyloxazolidin-2-ylidene]-2-oxazoline-2-acetonitrile
CAS Number: 150639-33-1
Molecular Formula: $C_{20}H_{17}N_3O_2$
Molecular Weight: 331.37

Test	Specification	Result
Appearance	White to off white powder or crystals or needles or chunks	White crystals
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (HPLC)	$\geq 96.5\%$	99.8%
Optical Rotation	360.0 - 370.0° (c = 1% in CHCl ₃)	367.0°
Carbon Content	69.9 - 75.0%	72.9%
Nitrogen Content	12.2 - 13.1%	12.9%

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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