



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-254865
Lot Number: SAMPLE
Product Name: (5S)-(-)-2,2,3-Trimethyl-5-benzyl-4-imidazolidinone monohydrochloride
CAS Number: 278173-23-2
Molecular Formula: $C_{13}H_{18}N_2O \cdot HCl$
Molecular Weight: 254.76

Test	Specification	Result
Appearance	White to tan powder, crystals or crystalline powder and/or chunks	White crystalline powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (GC)	$\geq 96.5\%$	99.1%
Purity (Silver Nitrate Titration)	96.5% - 103.5%	98.3%
Optical Rotation	-70.0 - -64.0° (c = 1%; water)	-68.0°

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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