



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-482740
Lot Number: SAMPLE
Product Name: L-Nicotine
CAS Number: 54-11-5
Molecular Formula: $C_{10}H_{14}N_2$
Molecular Weight: 162.24

Test	Specification	Result
Appearance	Colorless to red to green clear liquid	Pale yellow clear liquid
Purity (GC)	$\geq 95.0\%$	99.2%
Purity (Nonaqueous Titration)	$\geq 95.0\%$	99.6%
Specific Rotation ($\alpha_{20/D}$)	-160 - -173° (C = 10, Acetone)	-170°

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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