



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-203114
Lot Number: SAMPLE
Product Name: Lobeline hydrochloride
CAS Number: 134-63-4
Molecular Formula: $C_{22}H_{27}NO_2 \cdot HCl$
Molecular Weight: 373.92

Test	Specification	Result
Appearance	White to off-white powder	White powder
Identification (Infrared Spectrum)	Consistent with standard reference	Complies
Purity (HPLC)	$\geq 97.0\%$	99.5%
Solubility	25 mg/ml soluble in water	Complies
Optical Rotation ($\alpha_{25/D}$)	$-55.8^\circ \pm 1.5^\circ$	-56.4°
Carbon Content	70.67%	70.56%
Nitrogen Content	3.75%	3.71%

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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