



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-489297
Lot Number: SAMPLE
Product Name: Isopilocarpine Hydrochloride
CAS Number: 28958-85-2
Molecular Formula: $C_{11}H_{16}N_2O_2 \cdot HCl$
Molecular Weight: 244.72
Native Source: Synthetic

Test	Specification	Result
Appearance	White to off-white solid	Off-white solid
Identification (NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Purity (TLC)		96%
Specific Rotation		+37.2° (c = 0.1, Water)
Carbon Content	53.99%	51.88%
Hydrogen Content	7.00%	7.22%
Nitrogen Content	11.45%	10.90%
Water Content		~3.9% based on Elemental Analysis

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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