



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-250722
Lot Number: SAMPLE
Product Name: Pilocarpine nitrate salt
CAS Number: 148-72-1
Molecular Formula: $C_{11}H_{16}N_2O_2 \cdot HNO_3$
Molecular Weight: 271.27

Test	Specification	Result
Appearance	White powder	Complies
Purity (HPLC)	$\geq 98.0\%$	100.0%
Purity (Nonaqueous Titration)	98.0 - 102.0% (0.1 M HClO ₄)	100.2%
Solution	Clear to very slightly hazy and colorless solution at 100 mg/ml in water	Clear and colorless solution
Specific Rotation ($\alpha_{20/D}$)	$80.0 \pm 3.0^\circ$ (C = 10 in water)	82.1°

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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