



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-202211
Lot Number: SAMPLE
Product Name: Lidocaine hydrochloride hydrate
CAS Number: 6108-05-0
Molecular Formula: $C_{14}H_{22}N_2O \cdot HCl \cdot xH_2O$
Molecular Weight: 270.8 (anhydrous)

Test	Specification	Result
Appearance	White to off-white crystalline solid	White crystalline solid
Purity	$\geq 98\%$	99.7%
Melting Point	72 - 80 °C	75.5 - 78.7 °C
Residue on Ignition	$\leq 0.1\%$	0.04%
Solubility	Soluble in water	Complies
Heavy Metals	≤ 10.0 ppm	8.0 ppm
Water Content	$\leq 7.5\%$	6.0%

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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