



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-202297
Lot Number: SAMPLE
Product Name: Procainamide hydrochloride
CAS Number: 614-39-1
Molecular Formula: $C_{13}H_{21}N_3O \text{ HCl}$
Molecular Weight: 271.8

Test	Specification	Result
Appearance	White to Off-white powder	Off-white powder
Purity (HPLC)	$\geq 98\%$	99.9%
Melting Point	165°C – 169°C	167 °C –168.5 °C
Residue on Ignition	$\leq 0.1\%$	0.03%
Solubility	Soluble in water (50 mg/mL); slightly soluble in 100% ethanol or methanol; insoluble in ethyl acetate	Conforms
Heavy Metals	$\leq 0.002\%$	0.0009%
Loss on Drying	$\leq 0.3\%$	0.06%

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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