



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-203674
Lot Number: SAMPLE
Product Name: QX 314 chloride
CAS Number: 5369-03-9
Molecular Formula: $C_{16}H_{27}N_2OCl$
Molecular Weight: 298.85

Test	Specification	Result
Appearance		White solid
Microanalysis	Consistent with batch molecular formula	Complies
Identification (1H -NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry - ESI)		$[M-C]^+$: 263.3
Identification (TLC)		Rf = 0.57
Purity (RP-HPLC)		> 99%
Molecular Weight	298.85	298.18
Solubility		Soluble in water to 100 mM

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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