



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-470691
Lot Number: SAMPLE
Product Name: Methdilazine Hydrochloride
CAS Number: 1229-35-2
Molecular Formula: $C_{18}H_{20}N_2S \cdot HCl$
Molecular Weight: 332.89

Test	Specification	Result
Appearance	Off-white to pale brown solid	Pale brown solid
Identification (NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Purity		97%
Purity (HPLC)		99.84% (255 nm)
Specific Rotation		-0.5° (c = 0.2, Water)
Carbon Content		62.76%
Hydrogen Content		6.65%
Nitrogen Content		8.15%
Water Content		~ 3.4% 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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