



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-203603  
Lot Number: SAMPLE  
Product Name: Immethridine dihydrobromide  
CAS Number: 87976-03-2  
Molecular Formula:  $C_9H_9N_3 \cdot 2HBr$   
Molecular Weight: 321.01

Test	Specification	Result
Appearance		Beige solid
Identification (1H-NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Purity		98.0%
TLC		Rf = 0.1 (FB)
Melting Point		> 255 °C
Solubility		Soluble in water at 24.0 mg/ml, DMSO at 37.3 mg/ml; Insoluble in EtOH
Carbon Content	29.42%	29.13%
Hydrogen Content	3.34%	3.27%
Nitrogen Content	11.43%	11.77%

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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