



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-361104
Lot Number: SAMPLE
Product Name: Amthamine dihydrobromide
CAS Number: 142457-00-9
Molecular Formula: $C_6H_{11}N_3S \cdot 2HBr$
Molecular Weight: 319.06

Test	Result
Appearance	Off-white solid
Microanalysis	C, H, and N fit within 0.4% of theoretical calculation
Identification (1H-NMR)	Consistent with structure
Identification (Mass Spectrometry)	Consistent with structure
Purity	> 98%
TLC	Rf = 0.5 DCM/MeOH/NH ₄ OH (9:1:0.01)
Melting Point	278 °C (decomp)
Solubility	Soluble in water at 31.9 mg/ml

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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