



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-203837
Lot Number: SAMPLE
Product Name: BD 1047 dihydrobromide
CAS Number: 138356-21-5
Molecular Formula: $C_{13}H_{20}Cl_2N_2 \cdot 2HBr$
Molecular Weight: 437.04

Test	Specification	Result
Appearance		White solid
Identification (1H -NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Purity (HPLC)		99.3%
TLC		Rf = 0.2 ((Chloroform:Methanol [9:1]))
Carbon Content	35.73%	35.98%
Hydrogen Content	5.07%	5.13%
Nitrogen Content	6.41%	6.43%

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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