



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-480060
Lot Number: SAMPLE
Product Name: (R)-(-)-Apomorphine
CAS Number: 58-00-4
Molecular Formula: $C_{17}H_{17}NO_2$
Molecular Weight: 267.32
Native Source: Synthetic

Test	Result
Appearance	Pale green to pale blue solid
Identification (1H-NMR)	Conforms to structure
Identification (Mass Spectrometry)	Conforms to structure
Purity (TLC)	95 %
Elemental Analysis	%C: 72.82 %H: 6.67 %N: 4.68
Melting Point	> 115 °C (dec.)
Solubility	DMSO (Slightly), Ethanol (Slightly), Methanol (Slightly)
Specific Rotation	-35.0° (c=0.1, Ethanol)
Ethyl Acetate	3.2 %

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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