



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-255227
Lot Number: SAMPLE
Product Name: Ketone Moschus
CAS Number: 81-14-1
Molecular Formula: $C_{14}H_{18}N_2O_5$
Molecular Weight: 294.30

Test	Specification	Result
Appearance	White to faint yellow powder or crystals	Faint yellow crystals
Assay (Elemental Analysis)	$\geq 97.0\%$ (N)	99.9% (N)
Identification (1H-NMR)	Consistent with structure	Complies
Purity (TLC)	$\geq 97.0\%$	100.0%
Melting Point	134 - 137°C	136°C
Carbon Content	57.13% (theory)	56.86%(theory)
Hydrogen Content	6.16% (theory)	6.24%
Nitrogen Content	9.52% (theory)	9.51%

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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