



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-489434
Lot Number: SAMPLE
Product Name: Guanine-4,8-¹³C₂,7-¹⁵N
CAS Number: 73-40-5 (unlabeled)
Molecular Formula: C₅H₅N₅O
Molecular Weight: 154.1
Native Source: Synthetic

Test	Result
Appearance	Dark brown solid
Identification (¹ H-NMR)	Complies
Identification (¹³ C-NMR)	Complies
Identification (¹⁵ N-NMR)	Complies
Isotopic Purity	98.4%
Purity	95%
Atmosphere	Air
Melting Point	> 300 °C
Solubility	Aqueous base (slightly)

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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