



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-280810
Lot Number: SAMPLE
Product Name: Hypoxanthine-13C2, 15N
CAS Number: 1330265-04-7 unlabeled
Molecular Formula: $C_8(^{13}C)_2H_4N_2(^{15}N)O$
Molecular Weight: 139.09
Native Source: Synthetic

Test	Specification	Result
Appearance	Yellow to dark yellow solid	Dark yellow solid
Identification (NMR)	Consistent with structure	Complies
Identification (13C-NMR)	Consistent with structure	Complies
Identification (15N-NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Isotopic Purity	> 95%	99.9%
Purity		> 90%
Purity (HPLC)		91.70% (250 nm)
Carbon Content	43.15%	41.16%
Hydrogen Content	2.90%	2.79%
Nitrogen Content	40.29%	37.92%

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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