



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-296267
Lot Number: SAMPLE
Product Name: Riboflavin-13C, 15N2
CAS Number: 146-17-8 unlabeled
Molecular Formula: $C_{16}(^{13}C)H_{20}N_2(^{15}N)_2O_6$
Molecular Weight: 379.34
Native Source: Synthetic

Test	Specification	Result
Appearance		Dark orange solid
Identification (1H-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		97.4%
Purity (TLC)		96%
Melting Point		> 250 °C (dec.)

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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