



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-488885
Lot Number: SAMPLE
Product Name: Melamine-13C3,15N3
CAS Number: 1246816-14-7
Molecular Formula: $(^{13}\text{C})_3\text{H}_6\text{N}_6(^{15}\text{N})_3$
Molecular Weight: 132.08

Test	Specification	Result
Appearance	White to Pale Beige Solid	Pale Beige Solid
Identification (NMR)	Consistent with structure	Complies
Identification (13C-NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Isotopic Purity	> 95%	98.0% (d0 = 0.10%)
Purity		95%
Purity (HPLC)	> 95%	96.08% (205 nm)
Carbon Content		27.34%
Hydrogen Content		4.33%
Nitrogen Content		58.93%

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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