



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-300953
Lot Number: SAMPLE
Product Name: Melamine-¹³C₃
CAS Number: 1173022-88-2
Molecular Formula: (¹³C)₃H₆N₆
Molecular Weight: 129.10

Test	Specification	Result
Appearance		Light yellow crystals
Identification (1H-NMR)	Conforms to structure	Complies
Identification (13C-NMR)	Conforms to structure	Complies
Identification (Mass Spectrometry - ESI)		[M+H] ⁺ : 130.1
Isotopic Purity		> 99.9 atom%
Purity (HPLC)		98.6 ± 0.2 % (210 nm)
Elemental Analysis	C: 27.91 % (calc. as 12C) H: 4.68 % N: 65.10 %	C: 27.74 % H: 4.67 % N: 64.87 %
Melting Point		> 300°C

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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