



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-228439
Lot Number: SAMPLE
Product Name: Malonic acid-1,3-¹³C₂
CAS Number: 99524-14-8
Molecular Formula: $\text{C}_3\text{H}_2\text{O}_4$
Molecular Weight: 106.05

Test	Specification	Result
Appearance	White powder	Complies
Identification (1H-NMR - FT)		Complies
Identification (13C-NMR)		Complies
Isotopic Enrichment	≥ 99% ¹³ C (based on ¹³ C enriched precursor)	99.8 atom% ¹³ C
Purity (1H-NMR - FT)		Complies
Purity (13C-NMR)		Complies
Purity (HPLC)	≥ 99%	101%
Melting Point	Consistent with standard	Complies
Water Content	≤ 0.5%	0.18%

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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