



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-227680
Lot Number: SAMPLE
Product Name: Citric acid-2,4-¹³C₂
CAS Number: 121633-50-9
Molecular Formula: C₆(¹³C)₂H₈O₇
Molecular Weight: 194.11

Test	Specification	Result
Appearance	White to off-white powder	White powder
Enrichment	¹³ C Enrichment: ≥ 99 atom% ¹³ C	> 99.5 atom% ¹³ C by LC-MS
Identification (1H-NMR - FT)	Consistent with structure	Complies
Identification (13C-NMR)	Consistent with structure	Complies
Purity (HPLC)	≥ 99%	99.0%
Water Content	≤ 0.5%	0.19%

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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