



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-229340
Lot Number: SAMPLE
Product Name: Succinic acid- $^{13}\text{C}_4$
CAS Number: 201595-67-7
Molecular Formula: $^{13}\text{C}_4\text{H}_6\text{O}_4$
Molecular Weight: 122.06

Test	Specification	Result
Appearance (Color)	White	Complies
Appearance (Form)	Powder	Complies
Enrichment	^{13}C Enrichment: $\geq 99.0\%$	99.5%
Identification (^1H -NMR)		Complies
Identification (^{13}C -NMR)		Complies
Identification (LCMS)		Complies
Purity (HPLC)	$\geq 99.0\%$	99.2%
Melting Point		Complies
Water Content (KF)	$\leq 0.50\%$	0.42%

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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