



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-288178  
Lot Number: SAMPLE  
Product Name: 2-Ketobutyric acid-4-<sup>13</sup>C,3,3-d<sup>2</sup> sodium salt  
CAS Number:  
Molecular Formula: (<sup>13</sup>C)H<sub>3</sub>C<sub>3</sub>D<sub>2</sub>O<sub>3</sub>Na  
Molecular Weight: 127.08

Test	Specification	Result
Appearance	White crystals	Complies
Enrichment	<sup>13</sup> C Enrichment: ≥ 99.0%	> 99.0%
Identification (D-NMR)		Complies
Identification (1H-NMR)		Complies
Identification (13C-NMR)		Complies
Isotopic Enrichment	Isotopic Enrichment-D: ≥ 98%	99%
Purity (IC)	≥ 98.0%	98.0%
Water Content (KF)	≤ 2.0%	0.0%

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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