



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-476369
Lot Number: SAMPLE
Product Name: Pyruvic Acid-2-13C
CAS Number: 87976-70-3
Molecular Formula: $C_3(^{13}C)H_3O_3 \cdot Na$
Molecular Weight: 111.04

Test	Specification	Result
Appearance		White solid
Identification (1H-NMR)		Consistent with structure
Identification (13C-NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Isotopic Purity		99.4%
Purity (TLC)		98%
Elemental Analysis	%C: 32.46 %H: 2.72	%C: 32.32 %H: 2.55
Melting Point		> 215 °C (dec.)
Solubility		Water
Sodium		20.62% by Ion Chromatography

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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