



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-251030
Lot Number: SAMPLE
Product Name: Sodium L-lactate-(13-C)3 solution
CAS Number: 201595-71-3
Molecular Formula: $(^{13}\text{C})_3\text{H}_5\text{NaO}_3$
Molecular Weight: 115.04

Test	Specification	Result
Appearance	Clear, colorless to yellow solution	Clear, colorless solution
Identification (^1H -NMR - FT)	Consistent with structure and purity	Complies
Identification (^{13}C -NMR)	Consistent with structure and purity	Complies
Purity (LCMS)	≥ 99 atom % ^{13}C	99.2 atom % ^{13}C
Optical Rotation	$\pm 0.4^\circ$ (Analyzed as zinc salt)	- 10.5°
Water Content	45% - 55% (w/w)	45.9%

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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