



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-229307
Lot Number: SAMPLE
Product Name: Sodium L-lactate-3-13C, 45%-55% aqueous solution
CAS Number: 201595-70-2
Molecular Formula: $(^{13}\text{C})\text{C}_3\text{H}_5\text{NaO}_3$
Molecular Weight: 113.05

Test	Specification	Result
Appearance	Clear and colorless to slightly yellow liquid solution	Clear and colorless liquid solution
1H-NMR	$\geq 99.0\%$ (ATOM% 13C)	99.2%
Chiral purity (HPLC)	$\geq 98.0\%$	98.6%
Identification (1H-NMR)	Consistent with structure	Complies
Identification (13C-NMR)	Consistent with structure	Complies
Purity (1H-NMR)	$\geq 98.0\%$	99.3%
Concentration	45 - 55% (w/w)	50%

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.

Santa Cruz Biotechnology, Inc. 800.457.3801 831.457.3800 fax 831.457.3801 Europe +00800 4573 8000 49 62221 4503 0 www.scbt.com