

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-02 11:37:51

Date of Next Testing: 2026-03-01 11:37:51

Product Name: **Sodium L-lactate-(¹³C)3, 45%-55% aqueous solution**

CAS Number: 201595-71-3

Specifications & Purity: 45-55 % (w/w) in H₂O, ≥98 atom % ¹³C, ≥98% (CP)

Lot #: B23241123

SKU #: **S334655**

Analysis: 138502

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.00 %
Isotopic purity(¹³ C)	98-100 (%)	99.34000 %
Concentration	45 - 55 (%)	46.00 %
Appearance(S334655)	Colorless to Yellow Clear Liquid Solution	Colorless to Yellow Clear Liquid Solution
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager