

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-05 09:41:16
 Date of Next Testing: 2028-09-04 09:41:16
 Product Name: **L-Lactic acid-¹³C₃**
 CAS Number: 87684-87-5
 Specifications & Purity: ≥99 atom% ¹³C, ≥98%, ≥98% (Chiral Purity, HPLC)
 Lot #: H2526581
 SKU #: **L465453**
 Version: **1**
 Analysis #: **508083**
 Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-2 (%)	0.50000 %
¹³ C Enrichment	99-100 (%)	99.30000 %
Purity (HPLC area)	98-100 (%)	99.00000 %
Enantiomeric Excess	98-100 (%)	99.90000 %
Appearance (L465453)	White Waxy Solid	white waxy solid
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Carbon NMR Spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager