

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-17 12:00:13

Date of Next Testing: 2029-04-16 12:00:13

Product Name: **L-Leucine-1-13C,15N**

CAS Number: 80134-83-4

Specifications & Purity:  $\geq 98$  atom% 13C,  $\geq 98$  atom% 15N,  $\geq 98\%$

Lot #: D2616425

SKU #: **L646385**

Version: **1**

Analysis #: **690947**

Storage Temperature: Store at 2-8°C, Protected from light, Desiccated

| Parameter                 | Limit Values          | Result                |
|---------------------------|-----------------------|-----------------------|
| Isotopic purity(Atom % C) | 98-100 (%)            | 99.20000 %            |
| Isotopic purity(Atom % N) | 98-100 (%)            | 98.00000 %            |
| Purity(HPLC area)         | 98-100 (%)            | 99.90000 %            |
| LC-MS for identification  | Conforms              | Conforms              |
| NMR Spectrum 1H           | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager