

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-04-09 13:39:27

Date of Next Testing: 2026-04-09 13:39:27

Product Name: **Acetyl-L-Carnitine (ALCAR)**

CAS Number: 3040-38-8

Specifications & Purity: Moligand™, ≥98%

Lot #: D2508028

SKU #: **A275415**

Version: **1**

Analysis #: **392223**

Storage Temperature: Room temperature

| Parameter                                                       | Limit Values          | Result                |
|-----------------------------------------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                                                    | 98-100 (%)            | 99.93400 %            |
| Specific Rotation [α] <sub>20</sub> /D(c=1 in H <sub>2</sub> O) | -29--26.5(°)          | -26.55700 °           |
| Proton NMR spectrum                                             | Conforms to Structure | Conforms to Structure |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager