

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-21 14:46:31

Date of Next Testing: 2026-06-20 14:46:31

Product Name: **Myristoyl-L-carnitine Hydrochloride**

CAS Number: 173686-73-2

Specifications & Purity:  $\geq 95\%$

Lot #: F23171016

SKU #: M333834

Version: 1

Analysis #: 237640

Storage Temperature: Store at  $-20^{\circ}\text{C}$

| Parameter                                                         | Limit Values              | Result                |
|-------------------------------------------------------------------|---------------------------|-----------------------|
| Purity(HPLC area)                                                 | 95-100 (%)                | 98.13700 %            |
| Specific Rotation $[\alpha]_{20/D(c=0.3 \text{ in H}_2\text{O})}$ | -10.9~-4.9 ( $^{\circ}$ ) | -8.25500 $^{\circ}$   |
| Proton NMR spectrum                                               | Conforms to Structure     | Conforms to Structure |



John Su  
QA & QC Manager