

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-25 13:27:21
Date of Next Testing: 2029-06-24 13:27:21
Product Name: **Decanoyl-L-carnitine**
CAS Number: 3992-45-8
Specifications & Purity: $\geq 98\%$
Lot #: F2616365
SKU #: **D463321**
Version: **1**
Analysis #: **717175**
Storage Temperature: Store at 2-8°C

| Parameter | Limit Values | Result |
|---|---------------------------------------|---------------------------------------|
| Purity(HPLC area) | 98-100 (%) | 100.00000 % |
| Water by Karl Fischer | 0-10 (%) | 1.16310 % |
| Specific Rotation $[\alpha]_{20/D}(c=0.1 \text{ in H}_2\text{O})$ | -18--12 (°) | -17.95000 ° |
| Appearance(D463321) | White to Off White Powder or Crystals | White to Off White Powder or Crystals |
| NMR Spectrum 1H | Conforms to structure | Conforms to Structure |



John Su
QA & QC Manager