

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-01-31 13:52:18  
Date of Next Testing: 2029-01-30 13:52:18  
Product Name: **Decanoyl-L-carnitine**  
CAS Number: 3992-45-8  
Specifications & Purity:  $\geq 98\%$   
Lot #: A2629502  
SKU #: **D463321**  
Version: **1**  
Analysis #: **640938**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.91400 %
Specific Rotation $[\alpha]_{20/D}(c=0.1 \text{ in H}_2\text{O})$	-18--12 (°)	-16.17100 °
Water by Karl Fischer	0-10 (%)	0.84350 %
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