

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-08 19:16:42  
Date of Next Testing: 2028-09-07 19:16:42  
Product Name: **Decanoyl-L-carnitine**  
CAS Number: 3992-45-8  
Specifications & Purity:  $\geq 98\%$   
Lot #: I2503394  
SKU #: **D463321**  
Version: **1**  
Analysis #: **544284**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.55600 %
Water by Karl Fischer	0-10 (%)	2.37710 %
Specific Rotation $[\alpha]_{20/D}(c=0.1 \text{ in H}_2\text{O})$	-18--12 (°)	-17.97300 °
NMR Spectrum 1H	Conforms to structure	Conforms to Structure
Appearance(D463321)	White to Off White Powder or Crystals	White to Off White Powder or Crystals



John Su  
QA & QC Manager