

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-15 10:38:45
Date of Next Testing: 2026-09-14 10:38:45
Product Name: **Decanoyl-L-carnitine**
CAS Number: 3992-45-8
Specifications & Purity: $\geq 98\%$
Lot #: I2312402
SKU #: **D463321**
Version: **1**
Analysis #: **269085**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	98.91200 %
Water by Karl Fischer	0-10 (%)	3.76570 %
Specific Rotation $[\alpha]_{20/D}(c=0.1 \text{ in H}_2\text{O})$	-18--12 (°)	-17.96000 °
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