

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-27 17:00:44

Date of Next Testing: 2027-03-27 17:00:44

Product Name: **Lauroyl-L-carnitine**

CAS Number: 25518-54-1

Specifications & Purity: $\geq 94\%$ (HPLC)

Lot #: C2421480

SKU #: **L463319**

Version: **1**

Analysis #: **325947**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC area)	94-100 (%)	99.37000 %
Water by Karl Fischer	0-10 (%)	1.20000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	-22.0~-18.0 (°)	-20.10000 °
Appearance(L463319)	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