

Certificate of Analysis

Date of Testing: 2024-03-27 16:12:12
Date of Next Testing: 2027-03-27 16:12:12
Product Name: **Lauroyl-L-carnitine**
CAS Number: 25518-54-1
Specifications & Purity: $\geq 94\%$ (HPLC)
Lot #: C2421482
SKU #: **L463319**
Version: **1**
Analysis #: **325947**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC area)	94-100 (%)	99.37%
Water by Karl Fischer	0-10 (%)	1.20%
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	$-22.0 \sim -18.0$ (°)	-20.10°
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