

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-09 10:30:10

Date of Next Testing: 2029-06-08 10:30:10

Product Name: **L(-)-Carnitine**

CAS Number: 541-15-1

Specifications & Purity: Moligand™, ≥98%

Lot #: E2528347

SKU #: **C105423**

Version: **2**

Analysis #: **483149**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)	97.5-102.5 (%)	99.11000 %
Heavy metal (as Pb)	0-10 (ppm)	0.00000 ppm
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	-33--30 (°)	-31.26300 °
Loss on drying	0-1 (%)	0.35220 %
Appearance (C105423)	White powder to crystal	White powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager