

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-13 17:21:17

Date of Next Testing: 2029-02-12 17:21:17

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

CAS Number: 541-15-1

Specifications & Purity: Moligand™, ≥98%

Lot #: A2521100

SKU #: **C105423**

Version: **2**

Analysis #: **455391**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	97.5-102.5 (%)	99.41 %
Heavy metal (as Pb)	0-10 (ppm)	2.00 ppm
Loss on drying	0-1 (%)	0.00 %
Specific Rotation [α] _{20/D} (c=1 in H ₂ O)	-33--30 (°)	-30.09 °
Appearance (C105423)	White powder to crystal	White powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager