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ALADDIN SCIENTIFIC CORPORATION
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Certificate of Analysis

Date of Testing:	2026-06-13 09:44:16
Date of Next Testing:	2030-06-12 09:44:16
Product Name:	**L(-)-Carnitine**
CAS Number:	541-15-1
Specifications & Purity:	Moligand™, ≥98%
Lot #:	F2611175
SKU #	**C105423**
Version	**2**
Analysis #:	**483149**
Storage Temperature:	Room temperature,Argon charged

Parameter	**Limit Values**	**Result**
Purity(NonaqueousTitration)	97.5-102.5（%）	99.11000 %
Heavy metal（as Pb）	0-10（ppm）	0.00000 ppm
Specific Rotation [a]20/D(c=1 in H2O)	-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