

Certificate of Analysis

Date of Testing: 2025-06-14 09:43:32

Date of Next Testing: 2028-06-13 09:43:32

Product Name: **D-Carnitine**

CAS Number: 541-14-0

Specifications & Purity: Moligand™, ≥98%

Lot #: F2506380

SKU #: **C104549**

Version: **0**

Analysis #: **512948**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.21000 %
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)	29.5-32.5 (°)	29.54°
Carbon NMR Spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (C104549)	White to Light yellow to Yellow powder to crystal	White to Light yellow to yellow powder to crystal



John Su
QA & QC Manager