

Certificate of Analysis

Date of Testing: 2022-02-24 09:12:16

Date of Next Testing: 2026-02-23 09:12:16

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

CAS Number: 541-15-1

Specifications & Purity: 98%

Lot #: B2222401

SKU #: **C105423**

Analysis: **059838**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	97.5-102.5 (%)	99.77 %
Heavy metal (as Pb)	0-10 (ppm)	2.39 ppm
Loss on drying	0-1 (%)	0.62 %
Sulfate Ash	0-0.1 (%)	0.06 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	-33--30 (°)	-30.12 °
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (C105423)	white powder to crystal	White powder to crystal



John Su
QA & QC Manager