

Certificate of Analysis

Date of Testing: 2023-05-11 14:06:53

Date of Next Testing: 2025-04-30 14:06:53

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

CAS Number: 541-15-1

Specifications & Purity: analytical standard , 99%

Lot #: H2112070

SKU # **C105424**

Analysis: **221919**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	-33--30 (°)	-30.32 °
Purity(HPLC)	99-100 (%)	99.38100 %
Appearance (C105424)	white Crystals or Powder	white Crystals or powder
Proton NMR spectrum	Conforms to structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager