

Certificate of Analysis

Date of Testing: 2024-06-25 18:41:34

Date of Next Testing: 2028-06-24 18:41:34

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

CAS Number: 541-15-1

Specifications & Purity: 98%

Lot #: F2415199

SKU #: **C105423**

Version: **0**

Analysis #: **363341**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	97.5-102.5 (%)	99.21%
Heavy metal (as Pb)	0-10 (ppm)	0.36 ppm
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	-33--30 (°)	-30.87°
Loss on drying	0-1 (%)	0.28%
Sulfate Ash	0-0.1 (%)	0.03%
Appearance (C105423)	White powder to crystal	White powder to crystal
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager