

Certificate of Analysis

Date of Testing: 2024-09-06 14:36:25

Date of Next Testing: 2028-09-05 14:36:25

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

CAS Number: 541-15-1

Specifications & Purity: Moligand™, ≥98%

Lot #: I2403072

SKU #: **C105423**

Version: **2**

Analysis #: **153408**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	97.5-102.5 (%)	98.78 %
Heavy metal (as Pb)	0-10 (ppm)	5.60 ppm
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	-33--30 (°)	-31.04 °
Loss on drying	0-1 (%)	0.30 %
Sulfate Ash	0-0.1 (%)	0.05 %
Appearance (C105423)	white powder to crystal	White powder to crystal
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager