

Certificate of Analysis

Date of Testing: 2023-02-22 15:18:58

Date of Next Testing: 2026-02-21 15:18:58

Product Name: **D-Carnitine**

CAS Number: 541-14-0

Specifications & Purity: 98%

Lot #: B2314276

SKU #: **C104549**

Analysis: **182816**

Storage Temperature: Store at 2-8°C

| Parameter | Limit Values | Result |
|--|--------------------------|--------------------------|
| Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O) | 29.5-32.5 (°) | 29.88° |
| Purity(HPLC) | 98-100 (%) | 98.97800% |
| Appearance (C104549) | White Powder or Crystals | White Powder or Crystals |
| Carbon NMR Spectrum | Conforms to Structure | Conforms to Structure |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager