

## Certificate of Analysis

Date of Testing: 2024-05-14 14:25:47

Date of Next Testing: 2028-05-13 14:25:47

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

CAS Number: 541-15-1

Specifications & Purity: 98%

Lot #: D2425238

SKU # **C105423**

**Analysis:** **336200**

Storage Temperature: Argon charged

| Parameter                                                       | Limit Values            | Result                  |
|-----------------------------------------------------------------|-------------------------|-------------------------|
| Purity(NonaqueousTitration)                                     | 97.5-102.5 (%)          | 100.62 %                |
| Heavy metal (as Pb)                                             | 0-10 (ppm)              | 5.00 ppm                |
| Specific Rotation [α] <sub>20</sub> /D(c=1 in H <sub>2</sub> O) | -33--30 (°)             | -30.10 °                |
| Loss on drying                                                  | 0-1 (%)                 | 1.00 %                  |
| Sulfate Ash                                                     | 0-0.1 (%)               | 0.10 %                  |
| Appearance (C105423)                                            | White powder to crystal | White powder to crystal |
| Infrared spectrum                                               | Conforms to Structure   | Conforms to Structure   |



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