

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-17 17:19:31

Date of Next Testing: 2028-10-16 17:19:31

Product Name: **Propionyl-L-carnitine**

CAS Number: 20064-19-1

Specifications & Purity:  $\geq 94\%$ (HPLC)

Lot #: I2528420

SKU # **P463318**

Version **1**

Analysis #: **580574**

Storage Temperature: Store at 2-8°C

| Parameter                                                       | Limit Values                          | Result                                |
|-----------------------------------------------------------------|---------------------------------------|---------------------------------------|
| Purity(HPLC area)                                               | 94-100 (%)                            | 94.12000 %                            |
| Specific Rotation $[\alpha]_{20/D(c=1 \text{ in H}_2\text{O})}$ | -26--20 (°)                           | -24.16000 °                           |
| NMR Spectrum 1H                                                 | Conforms to Structure                 | Conforms to Structure                 |
| Appearance(P463318)                                             | White to Off White Powder or Crystals | White to Off White Powder or Crystals |



John Su  
QA & QC Manager