

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-13 16:31:12
Date of Next Testing: 2026-07-12 16:31:12
Product Name: **Propionyl-L-carnitine**
CAS Number: 20064-19-1
Specifications & Purity: $\geq 94.0\%$ (HPLC)
Lot #: G2301140
SKU #: **P463318**
Analysis: **233879**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC area)	94-100 (%)	94.06 %
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in H}_2\text{O})}$	-26--20 (°)	-25.79 °
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