

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-10 13:41:54

Date of Next Testing: 2029-06-09 13:41:54

Product Name: **L-Carnitine hydrochloride**

CAS Number: 6645-46-1

Specifications & Purity: $\geq 98\%$

Lot #: H2118142

SKU #: **C119762**

Version: **1**

Analysis #: **521949**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{25/D}(c=0.86 \text{ in H}_2\text{O})$	-25--21 (°)	-23.30000 °
Purity(Titration by AgNO ₃)	98-102.5 (%)	98.40000 %
Appearance (C119762)	White Powder and Chunks	White Powder and Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless and clear,50 mg/mL	pass	Pass



John Su
QA & QC Manager