

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-21 19:44:05

Date of Next Testing: 2027-02-20 19:44:05

Product Name: **DL-Carnitine hydrochloride**

CAS Number: 461-05-2

Specifications & Purity: $\geq 98\%$

Lot #: B2317749

SKU #: **C119784**

Version: **0**

Analysis #: **175573**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	41.5-43.6 (%)	42.63000 %
Purity(Nonaqueous Titration)	97.5-102.5 (%)	100.85000 %
Nitrogen by Elemental Analysis	6.9-7.3 (%)	7.14000 %
Purity	98-100 (%)	99.99000 %
Appearance (C119784)	White powder	White powder
Clear colorless , 100mg/ml in water	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager