

Certificate of Analysis

Date of Testing: 2023-02-22 15:07:07

Date of Next Testing: 2027-02-21 15:07:07

Product Name: **DL-Carnitine hydrochloride**

CAS Number: 461-05-2

Specifications & Purity: 98%

Lot #: B2317536

SKU #: **C119784**

Version: **0**

Analysis #: **175573**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	41.5-43.6 (%)	42.63 %
Purity(NonaqueousTitration)	97.5-102.5 (%)	100.85 %
Nitrogen by Elemental Analysis	6.9-7.3 (%)	7.14 %
Purity	98-100 (%)	99.99 %
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