

Certificate of Analysis

Date of Testing: 2024-11-05 11:06:08

Date of Next Testing: 2028-11-04 11:06:08

Product Name: **O-Acetyl-L-carnitine hydrochloride**

CAS Number: 5080-50-2

Specifications & Purity: $\geq 99\%$

Lot #: G1605066

SKU #: **A129120**

Version: **0**

Analysis #: **430599**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [a] _D ²⁰	-29--27 (°)	-27.36 °
Purity(Titration by AgNO ₃)	99-100.5 (%)	99.53 %
Appearance (A129120)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless,Clear,100 mg/mL, H ₂ O	pass	Pass



John Su
QA & QC Manager