

## Certificate of Analysis

Date of Testing: 2022-09-21 12:27:24  
Date of Next Testing: 2026-09-20 12:27:24  
Product Name: **O-Acetyl-L-carnitine hydrochloride**  
CAS Number: 5080-50-2  
Specifications & Purity: 99%  
Lot #: 12219423  
SKU #: **A129120**  
**Analysis: 104966**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] <sub>20</sub> /D	-29--27 (°)	-27.68°
Purity(Titration by AgNO <sub>3</sub> )	99-100.5 (%)	100.47 %
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 <sub>2</sub> O , Colorless, Clear, 100 mg/mL, H <sub>2</sub> O	pass	Pass



John Su  
QA & QC Manager