

## Certificate of Analysis

Date of Testing: 2023-04-25 16:30:00  
Date of Next Testing: 2024-04-24 16:30:00  
Product Name: **Acetyl-L-Carnitine**  
CAS Number: 3040-38-8  
Specifications & Purity:  $\geq 98\%$   
Lot #: D2323021  
SKU #: **A275415**  
**Analysis:** **215920**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.98800 %
Specific Rotation [a] <sub>D</sub> 20/D(c=1 in H <sub>2</sub> O)	-29--26.5(°)	-26.90 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager