

## Certificate of Analysis

Date of Testing: 2024-07-01 14:57:17  
Date of Next Testing: 2028-06-30 14:57:17  
Product Name: **1-Aminocyclopropanecarboxylic acid**  
CAS Number: 22059-21-8  
Specifications & Purity: 98%  
Lot #: F2425074  
SKU #: **A101238**  
Version: **1**  
Analysis #: **339144**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Neutralization titration)	97.5-102.5 (%)	98.50 %
Water by Karl Fischer	0-9 (%)	5.55 %
Appearance (A101238)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless to pale yellow,Clear,49.00 - 51.00 mg/ml	pass	Pass



John Su  
QA & QC Manager