

## Certificate of Analysis

Date of Testing: 2023-07-10 13:06:41  
Date of Next Testing: 2025-07-09 13:06:41  
Product Name: **4-Chloro-DL-phenylalanine**  
CAS Number: 7424-00-2  
Specifications & Purity:  $\geq 98.0\%$   
Lot #: J2114474  
SKU #: **C136727**  
Analysis: **249258**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.50800 %
Appearance (C136727)	White to Off-White to Light yellow Powder or Crystals	White to Off-White to Light yellow Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1 N HCl , Colorless to Yellow Clear pass to Slightly Hazy 50mg/ml		Pass



John Su  
QA & QC Manager