

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-18 15:09:50
 Date of Next Testing: 2027-08-18 15:09:50
 Product Name: **4-Chloro-DL-phenylalanine**
 CAS Number: 7424-00-2
 Specifications & Purity: Moligand™, ≥98%
 Lot #: H2513320
 SKU #: **C136727**
 Version: **1**
 Analysis #: **519226**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=1 in 1M NaOH)	-2~2 (°)	1.98000 °
Purity(HPLC)	98-100 (%)	99.24700 %
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