

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-30 15:45:36
 Date of Next Testing: 2027-12-30 15:45:36
 Product Name: **4-Chloro-DL-phenylalanine**
 CAS Number: 7424-00-2
 Specifications & Purity: Moligand™, ≥98%
 Lot #: L2522222
 SKU #: **C136727**
 Version: **1**
 Analysis #: **616915**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.34500 %
Specific Rotation [α] ₂₀ /D(c=1 in 1M NaOH)	-2~2 (°)	-0.06500 °
Appearance (C136727)	White to Off-White to Light yellow Powder or Crystals	White to Off-White to Light yellow Powder or Crystals
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
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager