

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-01-03 10:12:40  
 Date of Next Testing: 2026-01-02 10:12:40  
 Product Name: **4-chloro-d-phenylalanine**  
 CAS Number: 14091-08-8  
 Specifications & Purity:  $\geq 95\%$   
 Lot #: C2222495  
 SKU #: **C131971**  
 Version: **1**  
 Analysis #: **310230**  
 Storage Temperature: Store at  $-20^{\circ}\text{C}$

| Parameter            | Limit Values                       | Result                             |
|----------------------|------------------------------------|------------------------------------|
| Purity               | 95-100 (%)                         | 98.30000 %                         |
| Appearance (C131971) | White to Off-White Powder or Solid | White to Off-White Powder or Solid |
| Proton NMR spectrum  | Conforms to Structure              | Conforms to Structure              |



John Su  
QA & QC Manager