

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-11-30 09:03:12

Date of Next Testing: 2028-11-29 09:03:12

Product Name: **4-Chloro-L-phenylalanine(L-PCPA)**

CAS Number: 14173-39-8

Specifications & Purity:  $\geq 98\%$

Lot #: K2429023

SKU #: **C100471**

Version: **0**

Analysis #: **301539**

Storage Temperature: Store at -20°C, Argon charged

| Parameter                                                       | Limit Values                                         | Result                                               |
|-----------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
| Purity(HPLC)                                                    | 98-100 (%)                                           | 99.52100 %                                           |
| Specific Rotation $[\alpha]_{25/D(c=0.5)}$ in H <sub>2</sub> O) | -26--24 (°)                                          | -25.80000 °                                          |
| Appearance (C100471)                                            | White to Off-White to Light yellow Powder to crystal | White to off-white to Light yellow powder to crystal |
| Solubility in 80% AcOH, 5mg/ml                                  | Colorless, Clear                                     | Colorless, Clear                                     |
| Infrared spectrum                                               | Conforms to Structure                                | Conforms to Structure                                |



John Su  
QA & QC Manager