

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-15 16:06:43
 Date of Next Testing: 2028-05-14 16:06:43
 Product Name: **4-chloro-d-phenylalanine**
 CAS Number: 14091-08-8
 Specifications & Purity: $\geq 95\%$
 Lot #: E2614257
 SKU #: **C131971**
 Version: **1**
 Analysis #: **699122**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity	95-100 (%)	99.93300 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	12-16 ($^{\circ}$)	15.88300 $^{\circ}$
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