

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-15 23:46:55

Date of Next Testing: 2027-04-14 23:46:55

Product Name: **4-Chloro-D-phenylalanine Hydrochloride**

CAS Number: 147065-05-2

Specifications & Purity: $\geq 98\%$

Lot #: D2312667

SKU #: **C153284**

Version: **1**

Analysis #: **202434**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	8-12 ($^{\circ}$)	11.99000 $^{\circ}$
Purity(Titration by AgNO ₃)	97.5-102.5 (%)	100.86000 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Appearance(C153284)	White to Light yellow powder to crystal	White to Light yellow powder to crystal



John Su
QA & QC Manager