

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-07 16:47:39
 Date of Next Testing: 2026-06-06 16:47:39
 Product Name: **4-Chloro-D-phenylalanine methyl ester hydrochloride**
 CAS Number: 33965-47-8
 Specifications & Purity: $\geq 99\%$
 Lot #: J1410113
 SKU #: **C117071**
 Version: **0**
 Analysis #: **237044**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Carbon by Elemental Analysis	47.3-48.2 (%)	47.60000 %
Purity(HPLC)	99-100 (%)	99.30000 %
Oxygen by Elemental Analysis	12.5-13 (%)	12.90000 %
Appearance (C117071)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager