

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-01-20 11:46:59

Date of Next Testing: 2024-01-20 11:46:59

Product Name: **2,4-Dichloro-L-phenylalanine**

CAS Number: 111119-36-9

Specifications & Purity: $\geq 98\%$

Lot #: A2213331

SKU #: **D132444**

Version: **0**

Analysis #: **072127**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Carbon by Elemental Analysis	44.7-46.6 (%)	46.44000 %
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in } 0.5N \text{ NaOH})}$	9.5-12.5 (°)	12.50000 °
Purity	98-100 (%)	99.89920 %
Appearance (D132444)	white to grey powder or crystals and/or chunks	white to grey powder or crystals and/or chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
TLC Analysis	One spot	One spot



John Su
QA & QC Manager