

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-27 10:49:51

Date of Next Testing: 2026-11-26 10:49:51

Product Name: **D-Alanine 4-nitroanilide hydrochloride**

CAS Number: 201731-77-3

Specifications & Purity: $\geq 98\%$

Lot #: K2317392

SKU #: **D343536**

Version: **1**

Analysis #: **292091**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.86100 %
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in DMF})}$	-19~-15 (°)	-18.90000 °
LC-MS for identification	Conforms	Conforms
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager