

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-04 17:13:56

Date of Next Testing: 2027-03-03 17:13:56

Product Name: **H-D-Ala-OEt·HCl**

CAS Number: 6331-09-5

Specifications & Purity: $\geq 98\%$

Lot #: B2328311

SKU #: **A117183**Version: **1**Analysis #: **048214**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.57400 %
Assay(Titration by AgNO ₃)	97.5-102.5 (%)	101.28000 %
Specific Rotation[α] _{20/D} (C=5 in H ₂ O)	-3.5~-2.7 (°)	-2.71100 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (A117183)	white powder	White powder

John Su
QA & QC Manager