

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-01 15:52:20

Date of Next Testing: 2027-02-28 15:52:20

Product Name: **Z-Ala-OSu**

CAS Number: 3401-36-3

Specifications & Purity: $\geq 98\%$

Lot #: B2327248

SKU #: **A113953**Version: **2**Analysis #: **112725**Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Melting point	119-123 ($^{\circ}\text{C}$)	120.74000 $^{\circ}\text{C}$
Purity(HPLC area)	98-100 (%)	98.95200 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in Dioxane})$	-40--38 ($^{\circ}$)	-38.98600 $^{\circ}$
Appearance (A113953)	White powder	White powder
Proton NMR spectrum	Conforms to structure	Conforms to Structure

John Su
QA & QC Manager