

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-23 11:12:16

Date of Next Testing: 2029-09-22 11:12:16

Product Name: **Z-Ser-OH**

CAS Number: 1145-80-8

Specifications & Purity: $\geq 98\%$

Lot #: I2517035

SKU # **Z116896**

Version **1**

Analysis #: **226582**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.79300 %
Specific Rotation $[\alpha]_{20/D}(c=6 \text{ in AcOH})$	5.6-6.6 (°)	6.57000 °
Melting point	117-120 (°C)	119.79000 °C
Appearance (Z116896)	White powder	White powder
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager