

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-14 17:06:13

Date of Next Testing: 2026-09-13 17:06:13

Product Name: **Z-D-CHG-OH**

CAS Number: 69901-85-5

Specifications & Purity: $\geq 95\%$

Lot #: I2311238

SKU #: **B301370**

Version: **1**

Analysis #: **269111**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	99.42700 %
Specific Rotation $[\alpha]_{20/D(c=1.0 \text{ in MeOH})}$	-8~-6 (°)	-7.42100 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager