

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-01-30 09:41:57

Date of Next Testing: 2028-01-29 09:41:57

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

CAS Number: 28862-80-8

Specifications & Purity:  $\geq 98\%$ 

Lot #: A2419442

SKU #: **M115972**Version: **2**Analysis #: **298147**

Storage Temperature: Room temperature

| Parameter                                                | Limit Values                 | Result                      |
|----------------------------------------------------------|------------------------------|-----------------------------|
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$ | 24-28 ( $^{\circ}$ )         | 26.52700 $^{\circ}$         |
| Purity(HPLC)                                             | 98-100 (%)                   | 98.34700 %                  |
| Melting point                                            | 68-72 ( $^{\circ}\text{C}$ ) | 69.25000 $^{\circ}\text{C}$ |
| Appearance (M115972)                                     | white solid                  | White Solid                 |
| Solubility in MeOH                                       | almost transparency          | almost transparency         |
| Proton NMR spectrum                                      | Conforms to structure        | Conforms to Structure       |

John Su  
QA & QC Manager