

## Certificate of Analysis

Date of Testing: 2025-09-15 14:46:04

Date of Next Testing: 2029-09-14 14:46:04

Product Name: **H-D-Ala-OEt·HCl**

CAS Number: 6331-09-5

Specifications & Purity:  $\geq 98\%$

Lot #: L2101125

SKU #: **A117183**

Version: **1**

Analysis #: **572443**

Storage Temperature: Store at 2-8°C

| Parameter                                                               | Limit Values          | Result                |
|-------------------------------------------------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                                                            | 98-100 (%)            | 99.57200 %            |
| Assay(Titration by AgNO <sub>3</sub> )                                  | 97.5-102.5 (%)        | 101.28 %              |
| Specific Rotation[ $\alpha$ ] <sub>20/D</sub> (C=5 in H <sub>2</sub> O) | -3.5--2.7 (°)         | -2.71000 °            |
| Appearance (A117183)                                                    | white powder          | White powder          |
| Proton NMR spectrum                                                     | Conforms to Structure | Conforms to Structure |



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