

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-12-13 14:50:49  
 Date of Next Testing: 2026-12-12 14:50:49  
 Product Name: **O-Acetyl-L-homoserine Hydrochloride**  
 CAS Number: 250736-84-6  
 Specifications & Purity:  $\geq 95\%$   
 Lot #: L2311402  
 SKU #: **O351769**  
 Version: **1**  
 Analysis #: **300289**  
 Storage Temperature: Store at  $-20^{\circ}\text{C}$ , Argon charged

| Parameter                                                         | Limit Values               | Result                     |
|-------------------------------------------------------------------|----------------------------|----------------------------|
| Purity(HPLC area)                                                 | 95-100 (%)                 | 98.75300 %                 |
| Specific Rotation $[\alpha]_{20/D}(c=0.6 \text{ in H}_2\text{O})$ | 13.5-17.5 ( $^{\circ}$ )   | 15.84800 $^{\circ}$        |
| Proton NMR spectrum                                               | Conforms to Structure      | Conforms to Structure      |
| Mass spectrum                                                     | Conforms to standard       | Conforms to standard       |
| Appearance(O351769)                                               | White to Light Brown Solid | White to Light Brown Solid |



John Su  
QA & QC Manager