

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-02-02 11:27:55  
 Date of Next Testing: 2029-02-01 11:27:55  
 Product Name: (S)-3-Amino-4-hydroxybutanoic acid  
 CAS Number: 16504-57-7  
 Specifications & Purity: ≥97%  
 Lot #: D23062128  
 SKU #: S191379  
 Version: 1  
 Analysis #: 646488  
 Storage Temperature: Room temperature

| Parameter                                                   | Limit Values          | Result                |
|-------------------------------------------------------------|-----------------------|-----------------------|
| Purity(HPLC area)                                           | 97-100 (%)            | 99.24500 %            |
| Specific rotation[a] <sub>20/D</sub> (C=3,H <sub>2</sub> O) | -20--16 (°)           | -18.76400 °           |
| NMR Spectrum 1H                                             | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager