

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-09 12:23:30

Date of Next Testing: 2029-06-08 12:23:30

Product Name: **(S)-(+)-2-Hydroxy-3-methylbutyric acid**

CAS Number: 17407-55-5

Specifications & Purity:  $\geq 98\%$

Lot #: F2506606

SKU #: **I167910**

Version: **0**

Analysis #: **522928**

Storage Temperature: Store at 2-8°C

| Parameter                                                  | Limit Values          | Result                |
|------------------------------------------------------------|-----------------------|-----------------------|
| Purity(GC)                                                 | 98-100 (%)            | 99.26 %               |
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in CHCL}_3)$ | 15.5-18.5 (°)         | 15.52 °               |
| Proton NMR spectrum                                        | Conforms to Structure | Conforms to Structure |

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

John Su  
QA & QC Manager