

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-09 12:22:54

Date of Next Testing: 2029-06-08 12:22:54

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

CAS Number: 17407-55-5

Specifications & Purity: $\geq 98\%$

Lot #: F2506605

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