

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2023-11-21 10:12:49

Date of Next Testing: 2026-11-20 10:12:49

Product Name: **(S)-3-Hydroxybutanoic acid**

CAS Number: 6168-83-8

Specifications & Purity: Moligand™, ≥98%

Lot #: K2314460

SKU #: **S194215**

Version: **2**

**Analysis #:** **289538**

Storage Temperature: Store at -20°C

| Parameter                | Limit Values          | Result                |
|--------------------------|-----------------------|-----------------------|
| Purity(GC)               | 98-100 (%)            | 98.22200 %            |
| Enantiomeric Excess      | 98-100 (%)            | 99.52000 %            |
| Proton NMR spectrum      | Conforms to Structure | Conforms to Structure |
| LC-MS for identification | Conforms              | Conforms              |



John Su  
QA & QC Manager