

## Certificate of Analysis

Date of Testing: 2023-11-21 14:49:44

Date of Next Testing: 2026-11-20 14:49:44

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

CAS Number: 6168-83-8

Specifications & Purity: 98%

Lot #: K2316464

SKU #: **S194215**

**Analysis:** **289538**

Storage Temperature: Store at 2-8°C

| Parameter                | Limit Values          | Result                |
|--------------------------|-----------------------|-----------------------|
| Purity(GC)               | 98-100 (%)            | 98.22 %               |
| Enantiomeric Excess      | 98-100 (%)            | 99.52000 %            |
| Proton NMR spectrum      | Conforms to Structure | Conforms to Structure |
| LC-MS for identification | Conforms              | Conforms              |



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QA & QC Manager