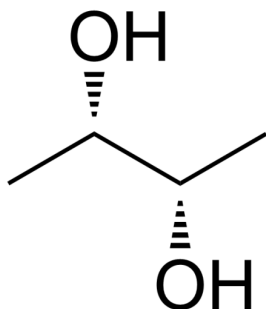


## Certificate of Analysis

### Compound Information

|                     |   |
|---------------------|---|
| Product Name:       | (2S,3S)-Butane-2,3-diol                       |
| Cat. No.:           | 1177102                                       |
| CAS No.:            | 19132-06-0                                    |
| Molecular Formula:  | C <sub>4</sub> H <sub>10</sub> O <sub>2</sub> |
| Molecular Weight:   | 90.12   |
| Chemical Structure: |   |



### Batch Information

|              |                           |
|--------------|---------------------------|
| Batch No.:   | L358192                   |
| Storage:     | Store at room temperature |
| Test Date:   | 2022-08-23                |
| Retest Date: | 2027-08-22                |
| Origin:      | Shanghai, China           |

### QC Summary

|                              |   |
|------------------------------|---|
| Appearance:                  | Colorless to light yellow (Liquid)                                      |
| <sup>1</sup> H NMR Spectrum: | Consistent with structure   |
| Purity (GC):                 | 98.45%  |
| Conclusion:                  | The product has been tested and complies with the given specifications. |

Caution: Research use only and are not intended for human use.

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