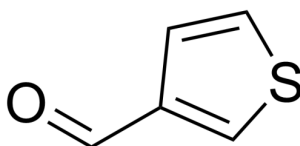


## Certificate of Analysis

### Compound Information

|                            |                                  |
|----------------------------|----------------------------------|
| <b>Product Name:</b>       | Thiophene-3-carbaldehyde         |
| <b>Cat. No.:</b>           | 1033744                          |
| <b>CAS No.:</b>            | 498-62-4                         |
| <b>Molecular Formula:</b>  | C <sub>5</sub> H <sub>4</sub> OS |
| <b>Molecular Weight:</b>   | 112.15                           |
| <b>Chemical Structure:</b> |                                  |



### Batch Information

|                     |  |
|---------------------|--|
| <b>Batch No.:</b>   | Lf0802157868                                     |
| <b>Storage:</b>     | 2-8°C, protect from light, stored under nitrogen |
| <b>Test Date:</b>   | 2022-08-03                                       |
| <b>Retest Date:</b> | 2025-08-02                                       |
| <b>Origin:</b>      | Shanghai, China                                  |

### QC Summary

|                                    |   |
|------------------------------------|---|
| <b>Appearance:</b>                 | Light brown to brown (Liquid)   |
| <b><sup>1</sup>H NMR Spectrum:</b> | Consistent with structure   |
| <b>Purity (HPLC):</b>              | 99.07%  |
| <b>Water(KF):</b>                  | 0.48%   |
| <b>Conclusion:</b>                 | 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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