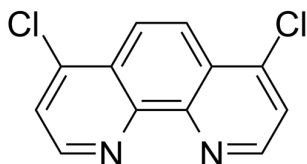


## Certificate of Analysis

### Compound Information

|                            |                                                               |
|----------------------------|---------------------------------------------------------------|
| <b>Product Name:</b>       | 4,7-Dichloro-1,10-phenanthroline                              |
| <b>Cat. No.:</b>           | 1035121                                                       |
| <b>CAS No.:</b>            | 5394-23-0                                                     |
| <b>Molecular Formula:</b>  | C <sub>12</sub> H <sub>6</sub> Cl <sub>2</sub> N <sub>2</sub> |
| <b>Molecular Weight:</b>   | 249.10                                                        |
| <b>Chemical Structure:</b> |                                                               |



### Batch Information

|                     |                     |
|---------------------|---------------------|
| <b>Batch No.:</b>   | Lf0713146517        |
| <b>Storage:</b>     | Storage temp. 2-8°C |
| <b>Mfg. Date:</b>   | 2022-07-13          |
| <b>Retest Date:</b> | 2025-07-12          |
| <b>Origin:</b>      | Shanghai, China     |

### QC Summary

|                                    |                                                                         |
|------------------------------------|-------------------------------------------------------------------------|
| <b>Appearance:</b>                 | Off-white to light yellow (Solid)                                       |
| <b><sup>1</sup>H NMR Spectrum:</b> | Consistent with structure                                               |
| <b>Purity (NMR):</b>               | ≥95.0%                                                                  |
| <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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