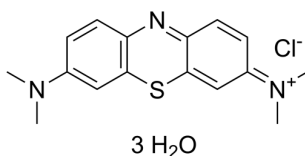


## Certificate of Analysis

### Compound Information

|                            |   |
|----------------------------|---|
| <b>Product Name:</b>       | Methylene blue indicator  |
| <b>Cat. No.:</b>           | 1239690   |
| <b>CAS No.:</b>            | 7220-79-3   |
| <b>Molecular Formula:</b>  | C <sub>16</sub> H <sub>24</sub> ClN <sub>3</sub> O <sub>3</sub> S |
| <b>Molecular Weight:</b>   | 373.90  |
| <b>Chemical Structure:</b> |   |



### Batch Information

|                     |   |
|---------------------|---|
| <b>Batch No.:</b>   | Lg0704274415                              |
| <b>Storage:</b>     | 2-8°C, sealed storage, away from moisture |
| <b>Test Date:</b>   | 2023-07-04                                |
| <b>Retest Date:</b> | 2026-07-03                                |
| <b>Origin:</b>      | Shanghai, China                           |

### QC Summary

|  | Specification   | Result                              |
|--|---|-------------------------------------|
| <b>Appearance:</b>                     | Green to black (Solid)  | Blackish Green (Crystalline Powder) |
| <b>Loss On Drying, ω/%:</b>            | ≤15.0   | 10.1                                |
| <b>Burning Residue, ω/%:</b>           | ≤0.5  | 0.35                                |
| <b>Biological Staining Experiment:</b> | Qualified   | Qualified                           |
| <b>Ethanol Dissolution Test:</b>       | Qualified   | Qualified                           |
| <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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