

# Certificate of Analysis

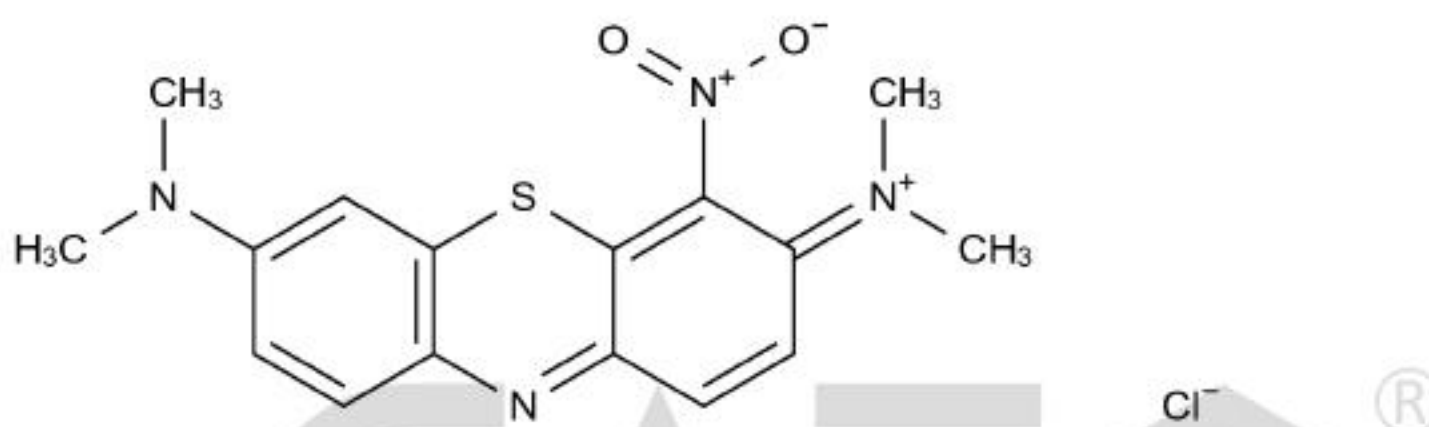
## Reference Material & Standard

|                           |                                                                                        |                          |                                           |
|---------------------------|----------------------------------------------------------------------------------------|--------------------------|-------------------------------------------|
| <b>Product Name:</b>      | N-(7-(dimethylamino)-4-nitro-3H-phenothiazin-3-ylidene)-N-methylmethanaminium chloride | <b>Catalogue Number:</b> | C1868146                                  |
| <b>Synonyms:</b>          | N/A                                                                                    | <b>Lot Number:</b>       | 0102-SA-7101                              |
| <b>CAS Number:</b>        | 2679-01-8                                                                              | <b>Expiry Date:</b>      | Jan 01, 28                                |
| <b>Molecular Formula:</b> | C <sub>16</sub> H <sub>17</sub> N <sub>4</sub> O <sub>2</sub> S Cl                     | <b>Storage:</b>          | 2°C ~ 8°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 329.40 35.45                                                                           |                          |                                           |

Warning:



Chemical Structure:



| Test Items      | Method            | Results   |
|-----------------|-------------------|-----------|
| Appearance      | Visual inspection | Solid     |
| Identification: | LC&HNMR           | Confirmed |
| Purity:         | HPLC              | 97.423%   |

CATO Research Chemicals Inc.

Signature:

Prepared by:

*Lisa*

Reviewed by:

*Yuki*

Approved by General Manager:

*David*

Date: Jan 02, 24

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Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

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## Directions:

- 1. Intended use: This product is suitable for identification and quantification of the analyte(s), instrument calibration, method development and quality control in analytical and R&D applications. It is not intended for administration to humans or animals, and shall not be used to diagnose, treat or cure any diseases.*
- 2. Minimum sample size: 1mg is recommended as the minimum sample size.*
- 3. Metrological traceability: This product meets the requirements of ISO 17034 and is traceable to NMI through an unbroken chain of comparisons.*
- 4. Instructions for handling and correct use: Handling in a well-ventilated place.*

## Document Version:

| Revision No. | Date       | Reason for Revision |
|--------------|------------|---------------------|
| 01           | Jan 02, 24 | First release.      |

