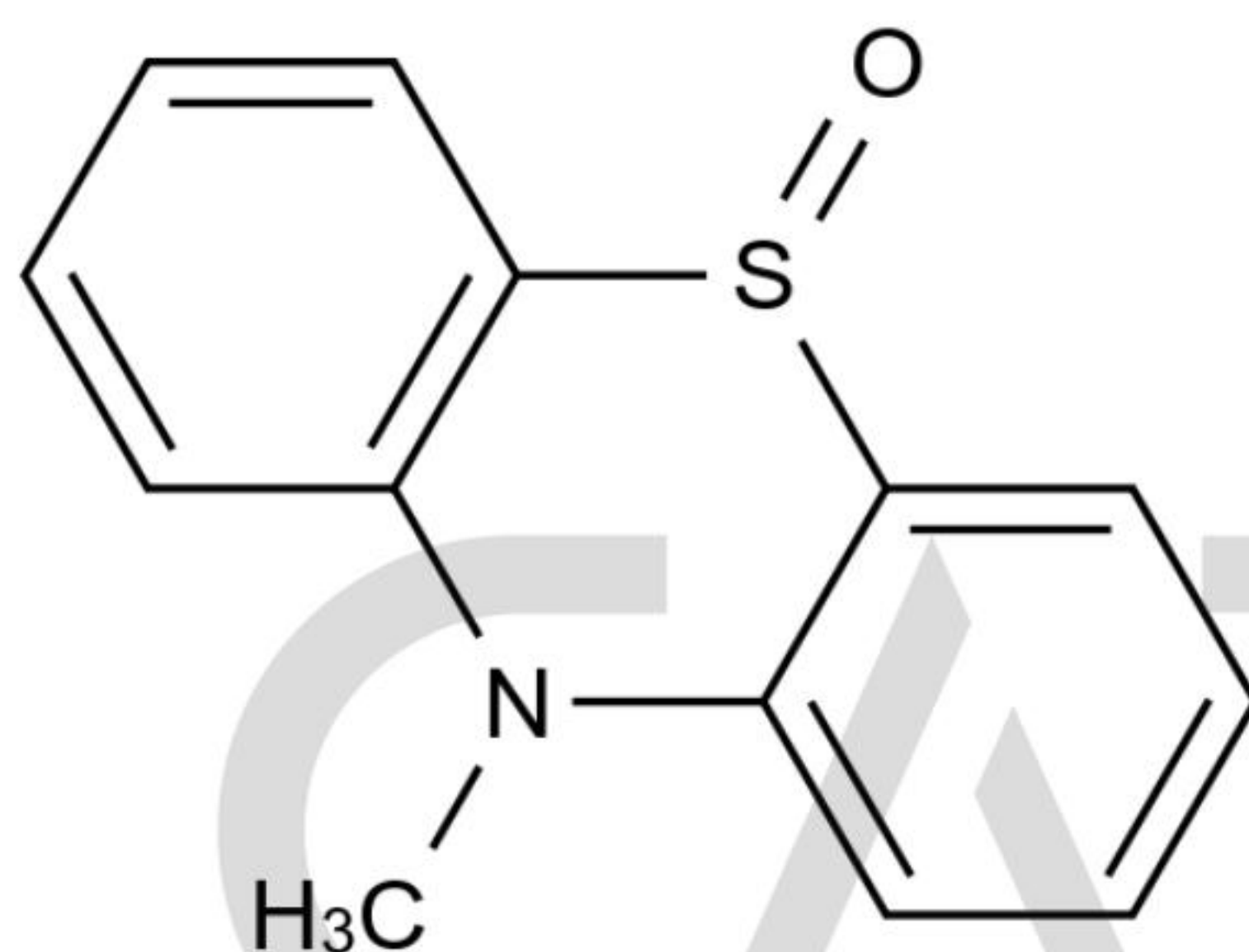


# Certificate of Analysis

## Reference Material & Standard

|                    |                                     |                   |                                                                                     |
|--------------------|-------------------------------------|-------------------|-------------------------------------------------------------------------------------|
| Product Name:      | 10-Methyl-10H-Phenothiazine-5-Oxide | Catalogue Number: | C1540927                                                                            |
| Synonyms:          | N/A                                 | Lot Number:       | 0506-RG-0069                                                                        |
| CAS Number:        | 2234-09-5                           | Expiry Date:      | May 08, 2028                                                                        |
| Molecular Formula: | C <sub>13</sub> H <sub>11</sub> NOS | Storage:          | 2°C ~ 8°C Protected from light and Sealed                                           |
| Molecular Weight:  | 229.30                              | Warning:          |  |

Chemical Structure:



| Test Items     | Method            | Results            |
|----------------|-------------------|--------------------|
| Appearance     | Visual inspection | Light Yellow Solid |
| Identification | LCMS&HNMR         | Confirmed          |
| Purity         | HPLC              | 98.951%            |
| Loss On Drying | TGA               | 0.2348%            |
| Assay          |                   | 98.7%              |

## Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) \* Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

## Signature:

Prepared by:

*Nice*

Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: May 09, 2025

Date: May 09, 2025

Date: May 09, 2025

