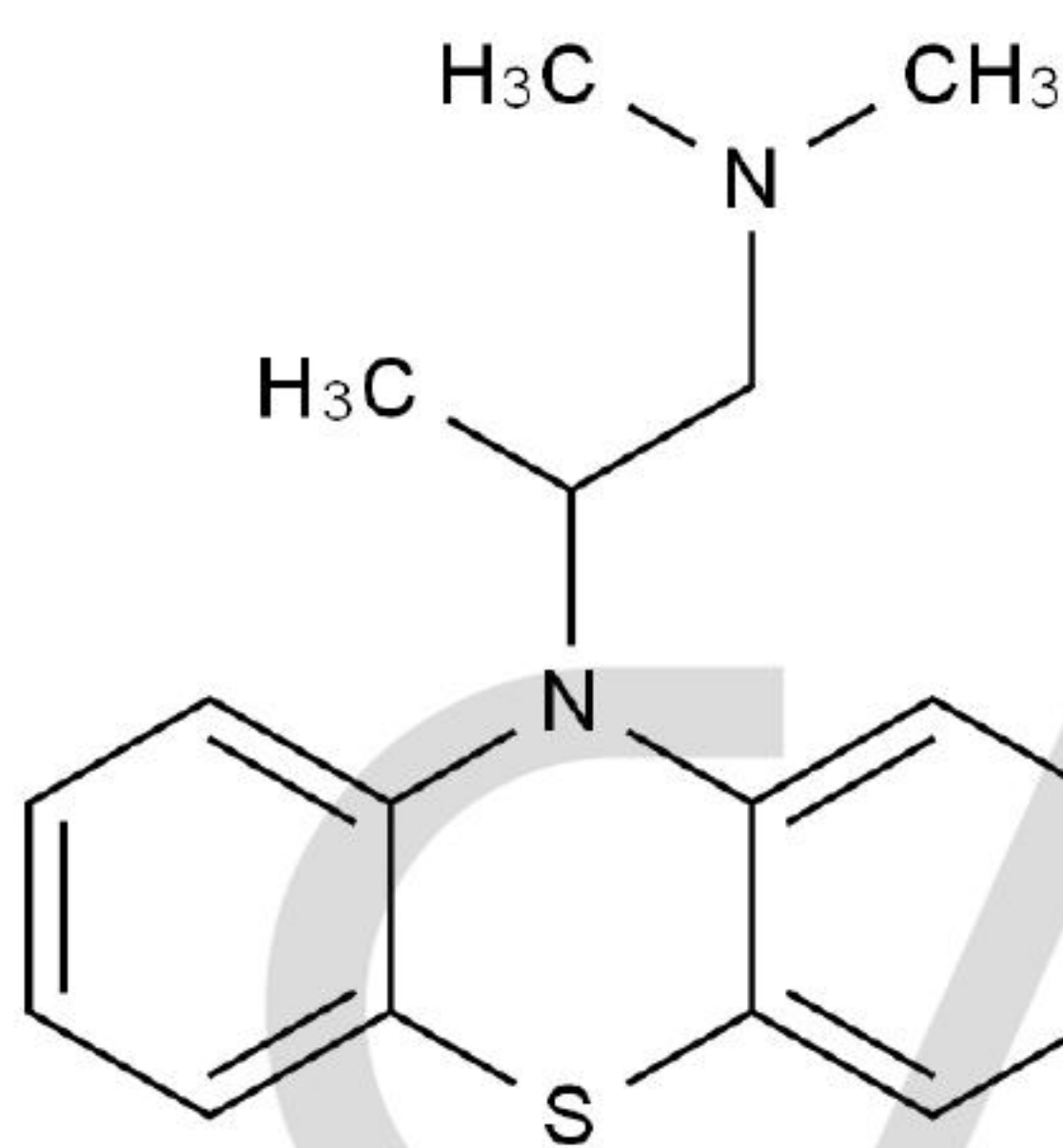


# Certificate of Analysis

## Reference Material & Standard

|                           |                                                  |                          |                                           |
|---------------------------|--------------------------------------------------|--------------------------|-------------------------------------------|
| <b>Product Name:</b>      | Promethazine EP Impurity B                       | <b>Catalogue Number:</b> | C4X-141815                                |
| <b>Synonyms:</b>          | Isopromethazine                                  | <b>Lot Number:</b>       | 0414-RG-0114                              |
| <b>CAS Number:</b>        | 303-14-0                                         | <b>Expiry Date:</b>      | Apr 13, 2028                              |
| <b>Molecular Formula:</b> | C <sub>17</sub> H <sub>20</sub> N <sub>2</sub> S | <b>Storage:</b>          | -20°C±5°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 284.42                                           |                          |                                           |

Chemical Structure:



| Test Items     | Method            | Results         |
|----------------|-------------------|-----------------|
| Appearance     | Visual inspection | Light Brown Oil |
| Identification | LCMS&HNMR         | Confirmed       |
| Purity         | HPLC              | 96.9%           |
| Assay          | qNMR              | 94.8%           |

## Comment:

Assay was determined by quantitative <sup>1</sup>H-NMR.

## Signature:

Prepared by:

*Koi*

Reviewed by:

*Lisa*

Approved by General Manager:

*David*

Date: Apr 29, 2025

Date: Apr 29, 2025

Date: Apr 29, 2025

