

# Certificate of Analysis

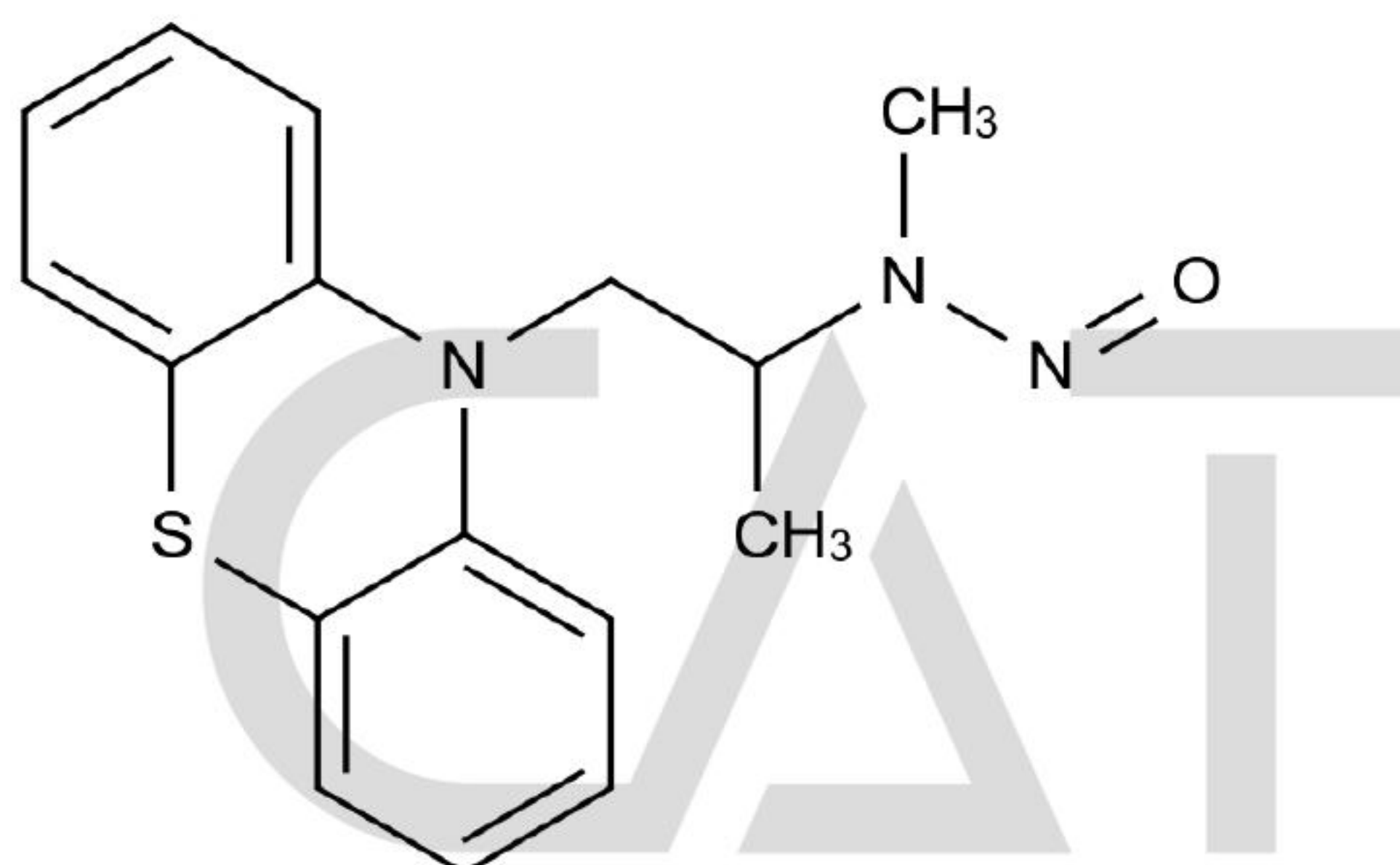
## Reference Material & Standard

|                           |                                                   |                            |                                           |
|---------------------------|---------------------------------------------------|----------------------------|-------------------------------------------|
| <b>Product Name:</b>      | N-Nitroso Promethazine EP Impurity C              | <b>Catalogue Number:</b>   | C4X-141825                                |
| <b>Synonyms:</b>          | N/A                                               | <b>Lot Number:</b>         | 0630-RG-0112                              |
| <b>CAS Number:</b>        | 94511-44-1                                        | <b>Expiry Date:</b>        | Jul 01, 2028                              |
| <b>Molecular Formula:</b> | C <sub>16</sub> H <sub>17</sub> N <sub>3</sub> OS | <b>Storage:</b>            | -20°C±5°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 299.39                                            | <b>Shipping Condition:</b> | Shipping with Ice Packs                   |

**Warning:**



**Chemical Structure:**



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | Brown Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | HPLC              | 98.646%     |
| Loss on Drying | TGA               | 0.4840%     |
| Assay          |                   | 98.2%       |

## Comment:

The calculation of the mass balance 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: Jul 02, 2025

Date: Jul 03, 2025

Date: Jul 03, 2025



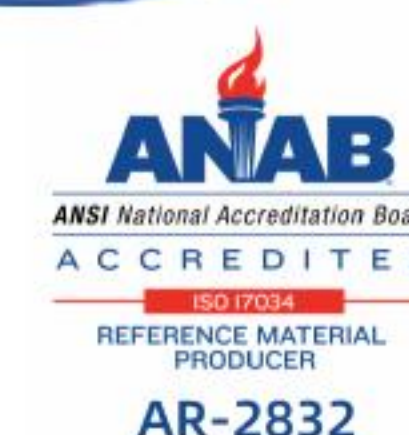
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

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

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