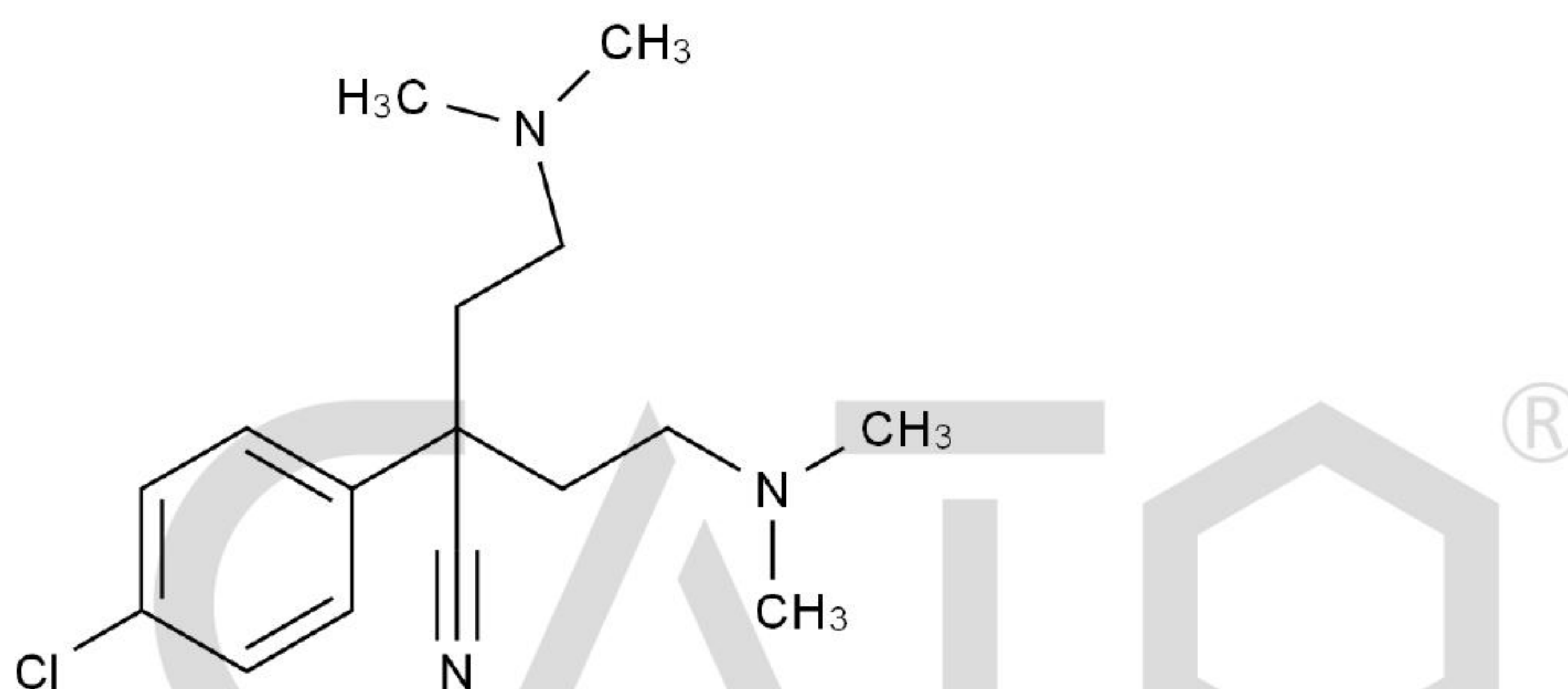


# Certificate of Analysis

## Reference Material & Standard

|                           |                                                  |                          |                                           |
|---------------------------|--------------------------------------------------|--------------------------|-------------------------------------------|
| <b>Product Name:</b>      | Chlorphenamine EP Impurity A                     | <b>Catalogue Number:</b> | C4X-11886                                 |
| <b>Synonyms:</b>          | N/A                                              | <b>Lot Number:</b>       | 0522-RG-0001                              |
| <b>CAS Number:</b>        | 1246816-57-8                                     | <b>Expiry Date:</b>      | May 19, 2028                              |
| <b>Molecular Formula:</b> | C <sub>16</sub> H <sub>24</sub> ClN <sub>3</sub> | <b>Storage:</b>          | -20°C±5°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 293.83                                           |                          |                                           |

Chemical Structure:



| Test Items     | Method            | Results      |
|----------------|-------------------|--------------|
| Appearance     | Visual inspection | Yellow Solid |
| Identification | LCMS&HNMR         | Confirmed    |
| Purity         | HPLC              | 99.3%        |
| Assay          | qNMR              | 98.7%        |

## Comment:

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

## Signature:

Prepared by:

*Koi*

Reviewed by:

*Hinlam*

Approved by General Manager:

*David*

Date: May 23, 2025

Date: May 23, 2025

Date: May 23, 2025

