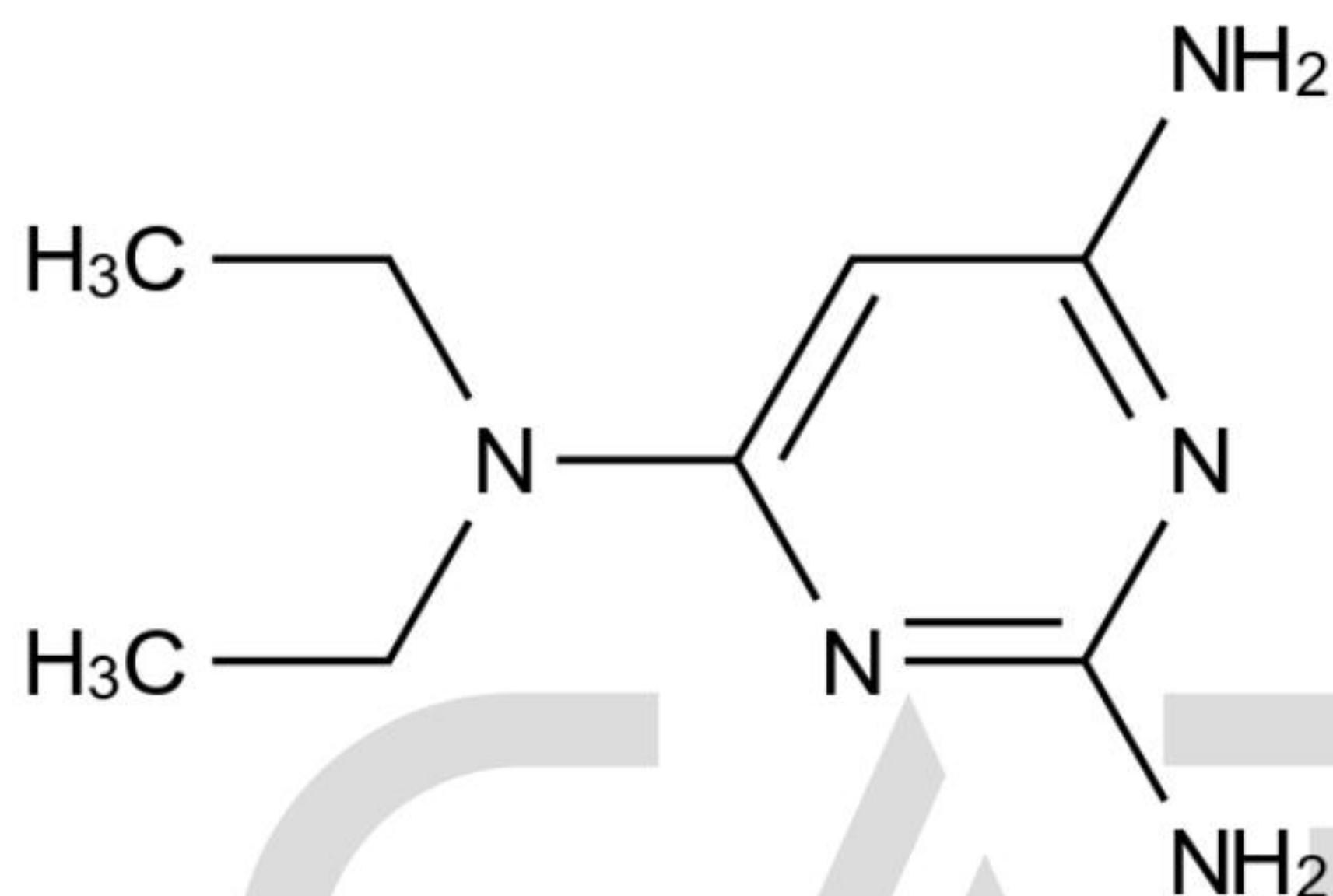


# Certificate of Analysis

## Reference Material

|                    |                                               |                   |                                           |
|--------------------|-----------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Minoxidil Impurity 33                         | Catalogue Number: | C4X-170033                                |
| Chemical Name:     | N/A                                           | Lot Number:       | 0425-RE-0087                              |
| CAS Number:        | 114562-80-0                                   | Expiry Date:      | May 11, 2025                              |
| Molecular Formula: | C <sub>8</sub> H <sub>15</sub> N <sub>5</sub> | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 181.24                                        |                   |                                           |

Chemical Structure:



| Test Items     | Method            | Results   |
|----------------|-------------------|-----------|
| Appearance     | Visual inspection | Brown Oil |
| Identification | LCMS&HNMR         | Confirmed |
| Purity         | HPLC              | 100.000%  |
| Loss On Drying | TGA               | 2.7170%   |
| Assay          |                   | 97.3%     |

## 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:

*Hin lam*

Reviewed by:

*Nacy*

Aporoved by General manager:

*David*

Date: May 12, 2023

Date: May 15, 2023

Date: May 15, 2023

