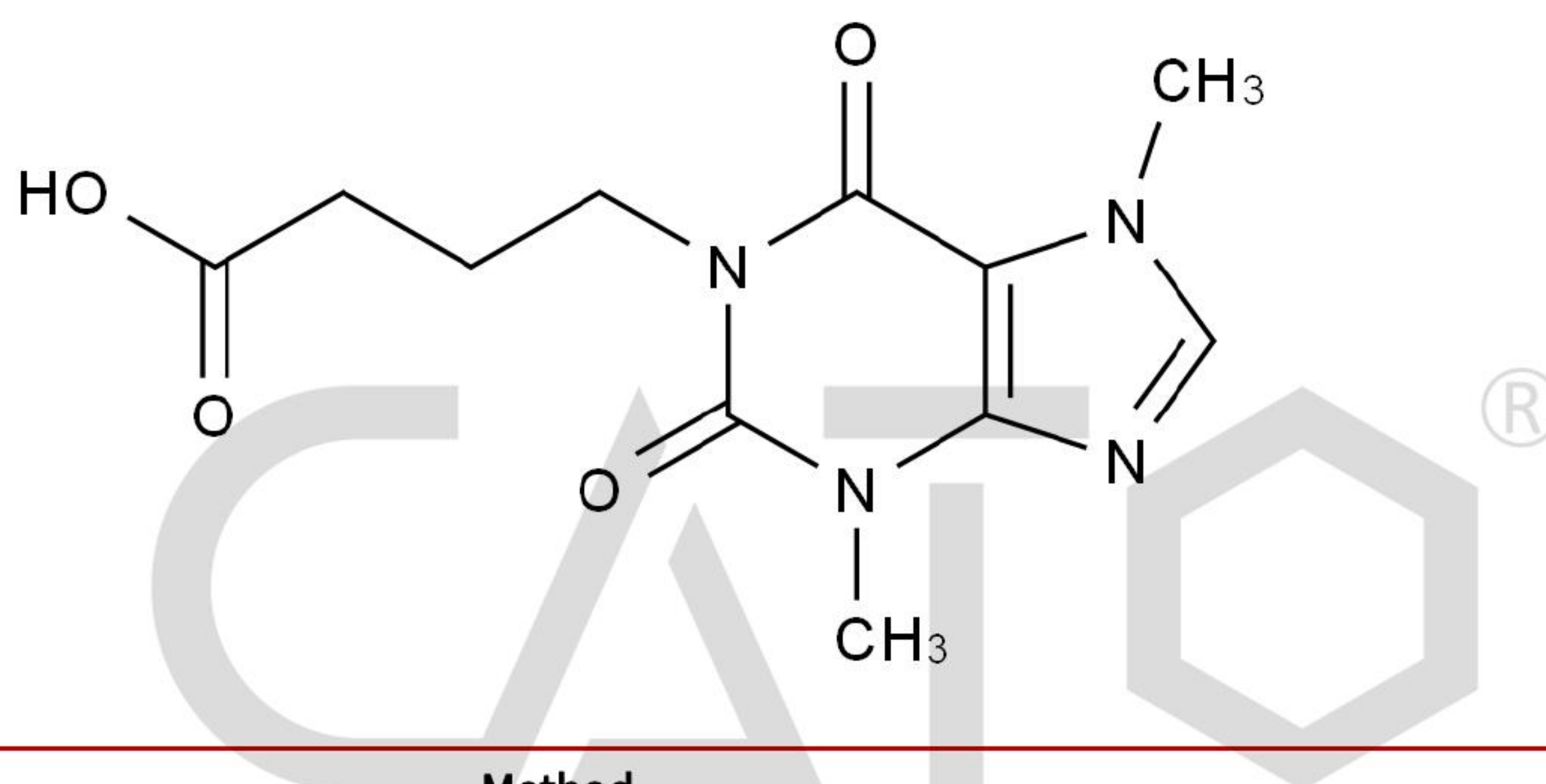


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                               |                   |                                           |
|--------------------|---------------------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Pentoxifylline Impurity 14                                    | Catalogue Number: | C4X-172814                                |
| Synonyms:          | N/A                                                           | Lot Number:       | 1229-RF-0006                              |
| CAS Number:        | 6493-07-8                                                     | Expiry Date:      | Dec 30, 2027                              |
| Molecular Formula: | C <sub>11</sub> H <sub>14</sub> N <sub>4</sub> O <sub>4</sub> | Storage:          | -20°C±5°C Protected from light and Sealed |
| Molecular Weight:  | 266.25                                                        |                   |                                           |

Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | HPLC              | 98.217%     |
| Loss On Drying | TGA               | 0.1830%     |
| Assay          |                   | 98.0%       |

## 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: Dec 31, 2024

Date: Dec 31, 2024

Date: Dec 31, 2024

