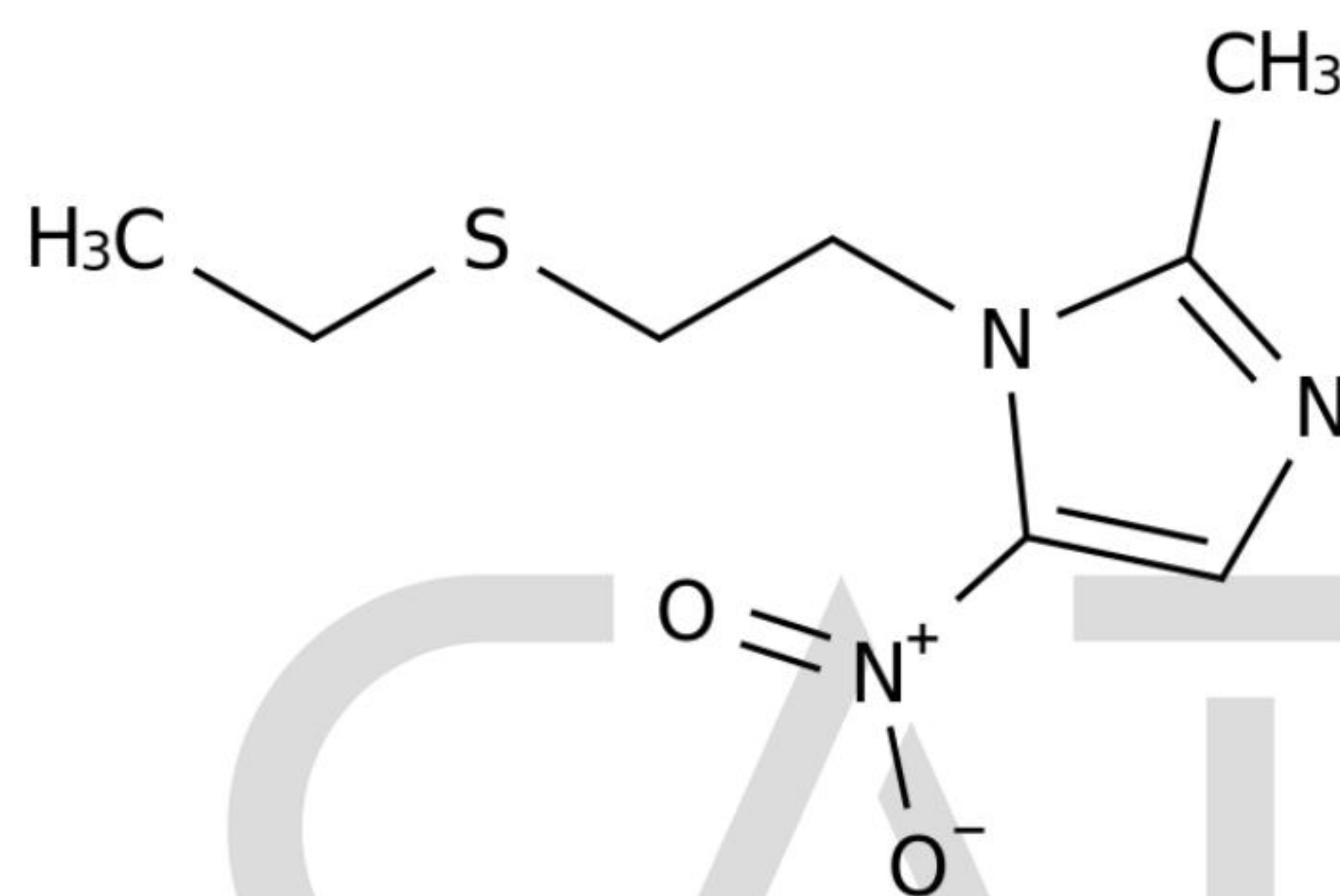


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                                |                   |                                           |
|--------------------|----------------------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Tinidazole Impurity 3                                          | Catalogue Number: | C4X-19303                                 |
| Synonyms:          | N/A                                                            | Lot Number:       | 0715-RG-0076                              |
| CAS Number:        | 28795-33-7                                                     | Expiry Date:      | Jul 16, 2029                              |
| Molecular Formula: | C <sub>8</sub> H <sub>13</sub> N <sub>3</sub> O <sub>2</sub> S | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 215.27                                                         |                   |                                           |

Chemical Structure:



| Test Items     | Method            | Results          |
|----------------|-------------------|------------------|
| Appearance     | Visual inspection | Light Yellow Oil |
| Identification | LCMS&HNMR         | Confirmed        |
| Purity         | HPLC              | 99.734%          |
| Loss On Drying | TGA               | 1.7374%          |
| 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: Jul 17, 2025

Date: Jul 17, 2025

Date: Jul 17, 2025

