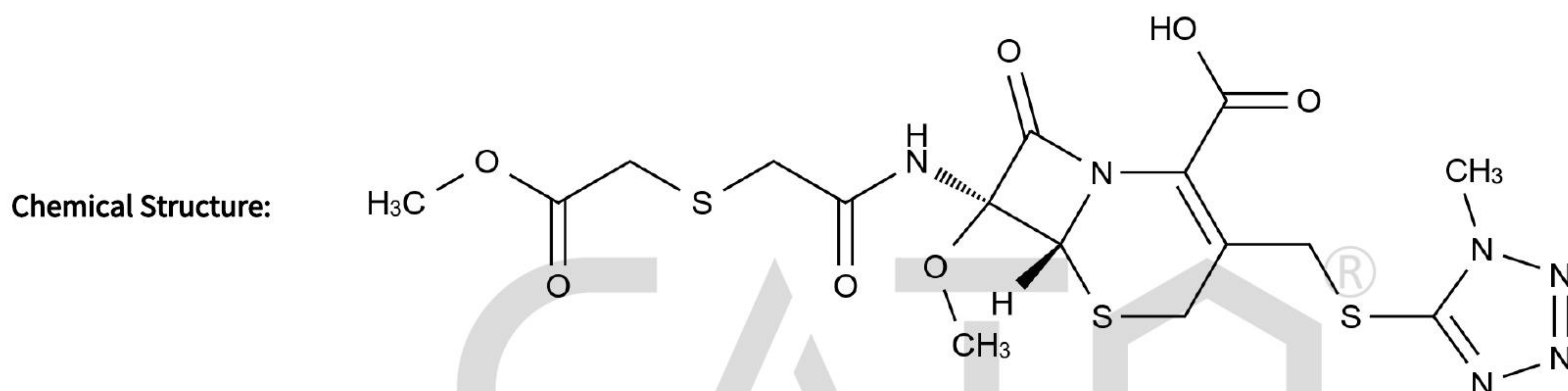


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                                              |                   |                                           |
|--------------------|------------------------------------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Cefmetazole Impurity 39                                                      | Catalogue Number: | C4X-150739                                |
| Synonyms:          | N/A                                                                          | Lot Number:       | 0120-RG-0043                              |
| CAS Number:        | N/A                                                                          | Expiry Date:      | Jan 16, 2028                              |
| Molecular Formula: | C <sub>16</sub> H <sub>20</sub> N <sub>6</sub> O <sub>7</sub> S <sub>3</sub> | Storage:          | -20°C±5°C Protected from light and Sealed |
| Molecular Weight:  | 504.56                                                                       |                   |                                           |



| Test Items     | Method            | Results         |
|----------------|-------------------|-----------------|
| Appearance     | Visual inspection | Off-White Solid |
| Identification | LCMS&CNMR&HNMR    | Confirmed       |
| Purity         | HPLC              | 94.7%           |
| Assay          | qNMR              | 91.7%           |

## Comment:

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

## Signature:

Prepared by:

*Lily*

Reviewed by:

*Hinlam*

Approved by General Manager:

*David*

Date: Jan 23, 2025

Date: Jan 23, 2025

Date: Jan 23, 2025

