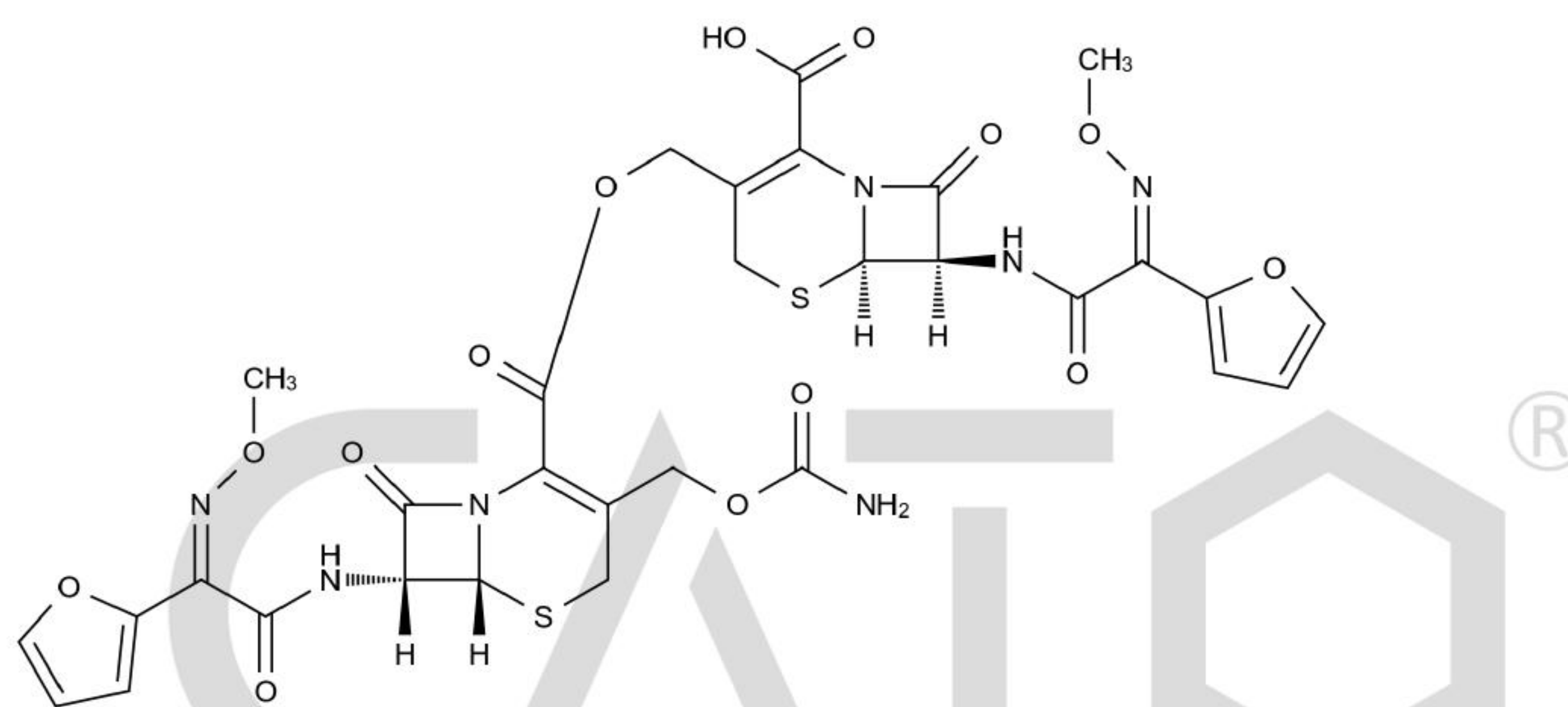


# Certificate of Analysis

## Reference Material & Standard

|                           |                                                                               |                          |                                           |
|---------------------------|-------------------------------------------------------------------------------|--------------------------|-------------------------------------------|
| <b>Product Name:</b>      | Cefuroxime Dimer Impurity 42                                                  | <b>Catalogue Number:</b> | C4X-124542                                |
| <b>Synonyms:</b>          | N/A                                                                           | <b>Lot Number:</b>       | 0619-RG-0019                              |
| <b>CAS Number:</b>        | N/A                                                                           | <b>Expiry Date:</b>      | Sep 05, 2027                              |
| <b>Molecular Formula:</b> | C <sub>31</sub> H <sub>29</sub> N <sub>7</sub> O <sub>14</sub> S <sub>2</sub> | <b>Storage:</b>          | -20°C±5°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 787.73                                                                        |                          |                                           |

Chemical Structure:



| Test Items     | Method            | Results         |
|----------------|-------------------|-----------------|
| Appearance     | Visual inspection | Off-White Solid |
| Identification | LCMS&CNMR&HNMR    | Confirmed       |
| Purity         | HPLC              | 90.0%           |
| Assay          | qNMR              | 88.0%           |

## Comment:

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

## Signature:

Prepared by:

*Lily*

Reviewed by:

*Hinlam*

Approved by General Manager:

*David*

Date: Jun 19, 2025

Date: Jun 20, 2025

Date: Jun 20, 2025

