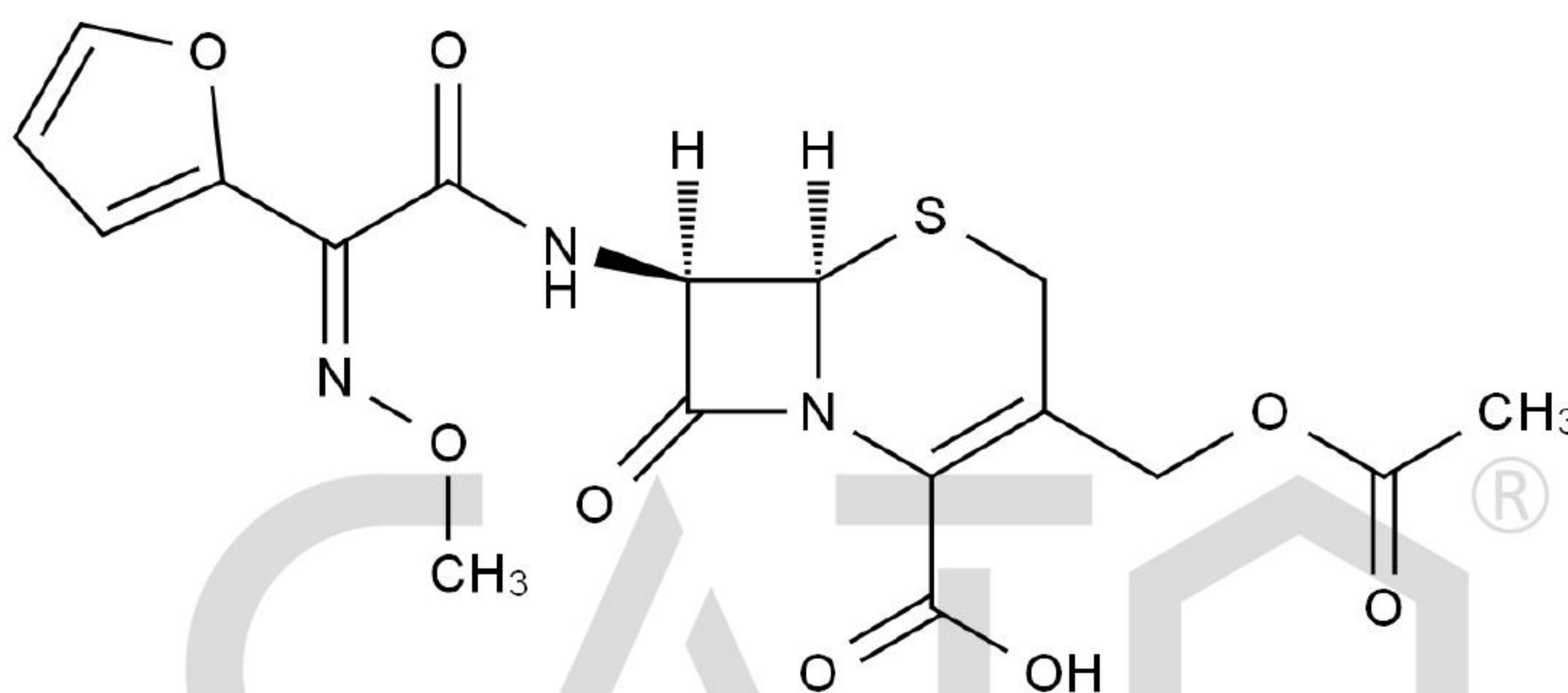


# Certificate of Analysis

## Reference Material

|                    |                                                                 |                   |                                           |
|--------------------|-----------------------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Cefuroxime Sodium EP Impurity B                                 | Catalogue Number: | C4X-12452                                 |
| Chemical Name:     | N/A                                                             | Lot Number:       | 0428-RE-0133                              |
| CAS Number:        | 39685-31-9                                                      | Expiry Date:      | Sep 29, 2025                              |
| Molecular Formula: | C <sub>17</sub> H <sub>17</sub> N <sub>3</sub> O <sub>8</sub> S | Storage:          | -20°C±5°C Protected from light and Sealed |
| Molecular Weight:  | 423.40                                                          |                   |                                           |

Chemical Structure:



| Test Items     | Method            | Results                  |
|----------------|-------------------|--------------------------|
| Appearance     | Visual inspection | White to Off-White Solid |
| Identification | LCMS&HNMR         | Confirmed                |
| Purity         | HPLC              | 97.0%                    |
| Assay          | qNMR              | 91.3%                    |

## Comment:

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

Signature:

Prepared by:

*Nacy*

Reviewed by:

*Hinlam*

Aporoved by General manager:

*David*

Date: Sep 30, 2022

Date: May 06, 2023

Date: May 06, 2023

