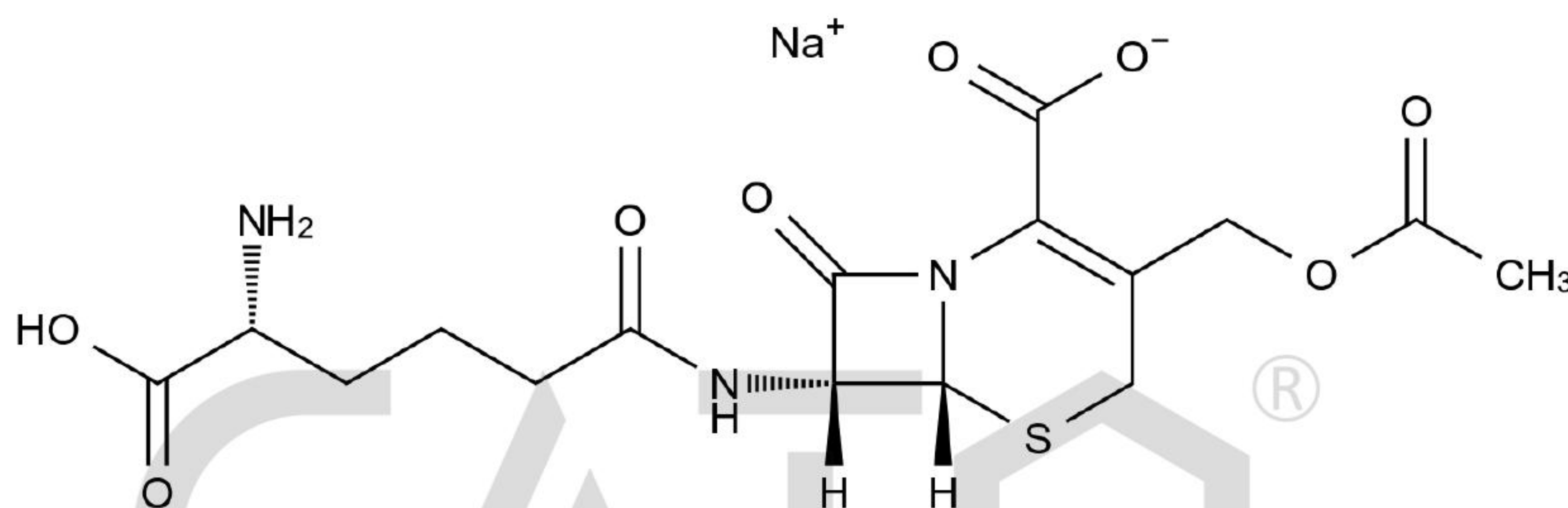


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                                    |                   |                                           |
|--------------------|--------------------------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Cephalosporin C Sodium Salt                                        | Catalogue Number: | C4X-24185                                 |
| Synonyms:          | N/A                                                                | Lot Number:       | 1203-RF-0145                              |
| CAS Number:        | 51762-04-0                                                         | Expiry Date:      | Dec 09, 2027                              |
| Molecular Formula: | C <sub>16</sub> H <sub>20</sub> N <sub>3</sub> O <sub>8</sub> S Na | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 414.41 22.99                                                       |                   |                                           |

Chemical Structure:



| Test Items     | Method            | Results           |
|----------------|-------------------|-------------------|
| Appearance     | Visual inspection | Pale Yellow Solid |
| Identification | LCMS&HNMR         | Confirmed         |
| Purity         | HPLC              | 95.2%             |
| Assay          | qNMR              | 88.6%             |

## Comment:

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

## Signature:

Prepared by:

*Nice*

Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: Dec 10, 2024

Date: Dec 10, 2024

Date: Dec 10, 2024

