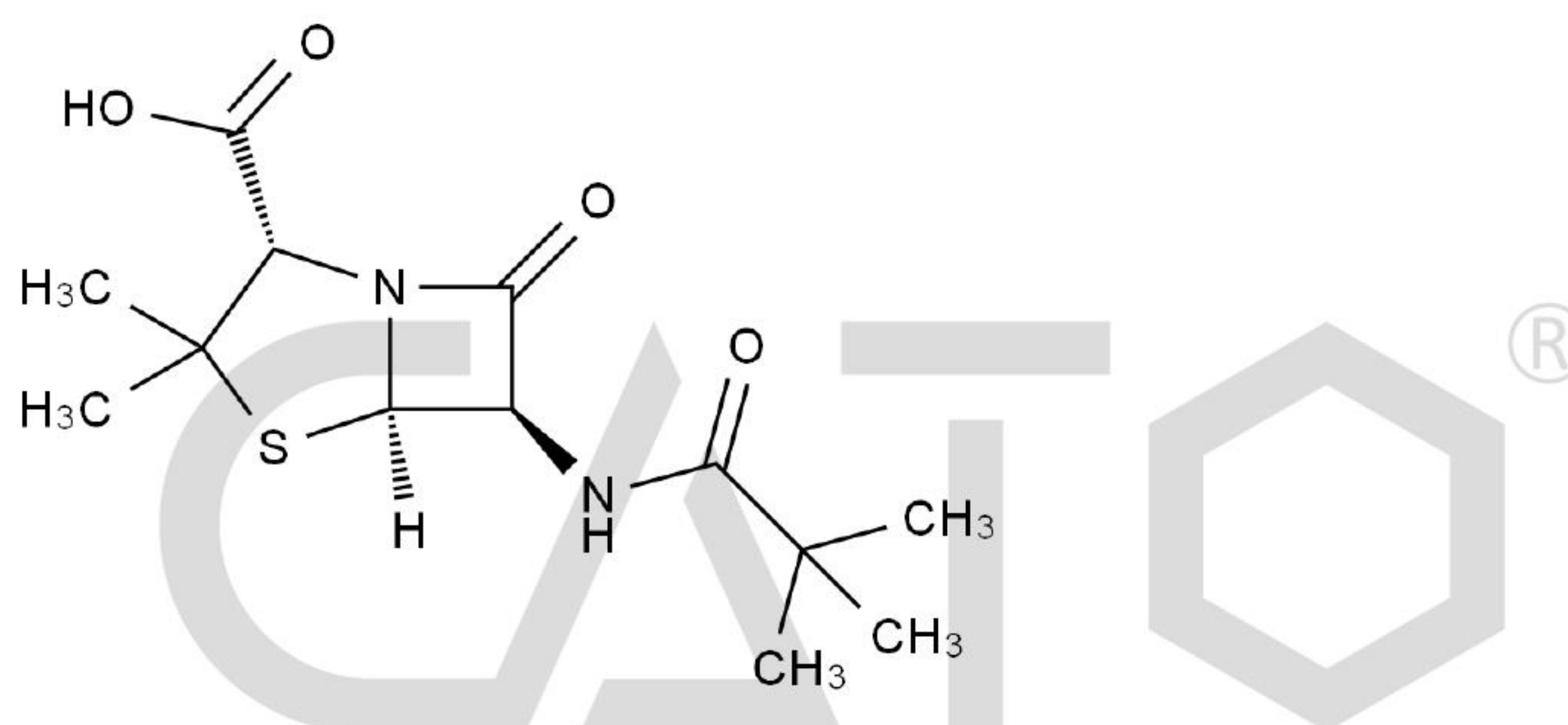


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                                 |                     |                                           |
|--------------------|-----------------------------------------------------------------|---------------------|-------------------------------------------|
| Product Name:      | Ampicillin EP Impurity J                                        | Catalogue Number:   | C4X-144310                                |
| Synonyms:          | N/A                                                             | Lot Number:         | 0409-RH-0007                              |
| CAS Number:        | 6489-58-3                                                       | Expiry Date:        | Mar 24, 2030                              |
| Molecular Formula: | C <sub>13</sub> H <sub>20</sub> N <sub>2</sub> O <sub>4</sub> S | Storage:            | -20°C±5°C Protected from light and Sealed |
| Molecular Weight:  | 300.37                                                          | Shipping Condition: | Shipping with Ice Packs                   |

Chemical Structure:



| Test Items     | Method            | Results         |
|----------------|-------------------|-----------------|
| Appearance     | Visual inspection | Off-White Solid |
| Identification | LCMS&CNMR&HNMR    | Confirmed       |
| Purity         | HPLC              | 93.7%           |
| Assay          | qNMR              | 89.9%           |

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Apr 10, 2026

Date: Apr 10, 2026

Date: Apr 10, 2026



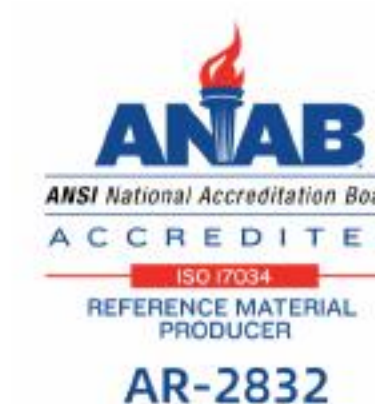
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