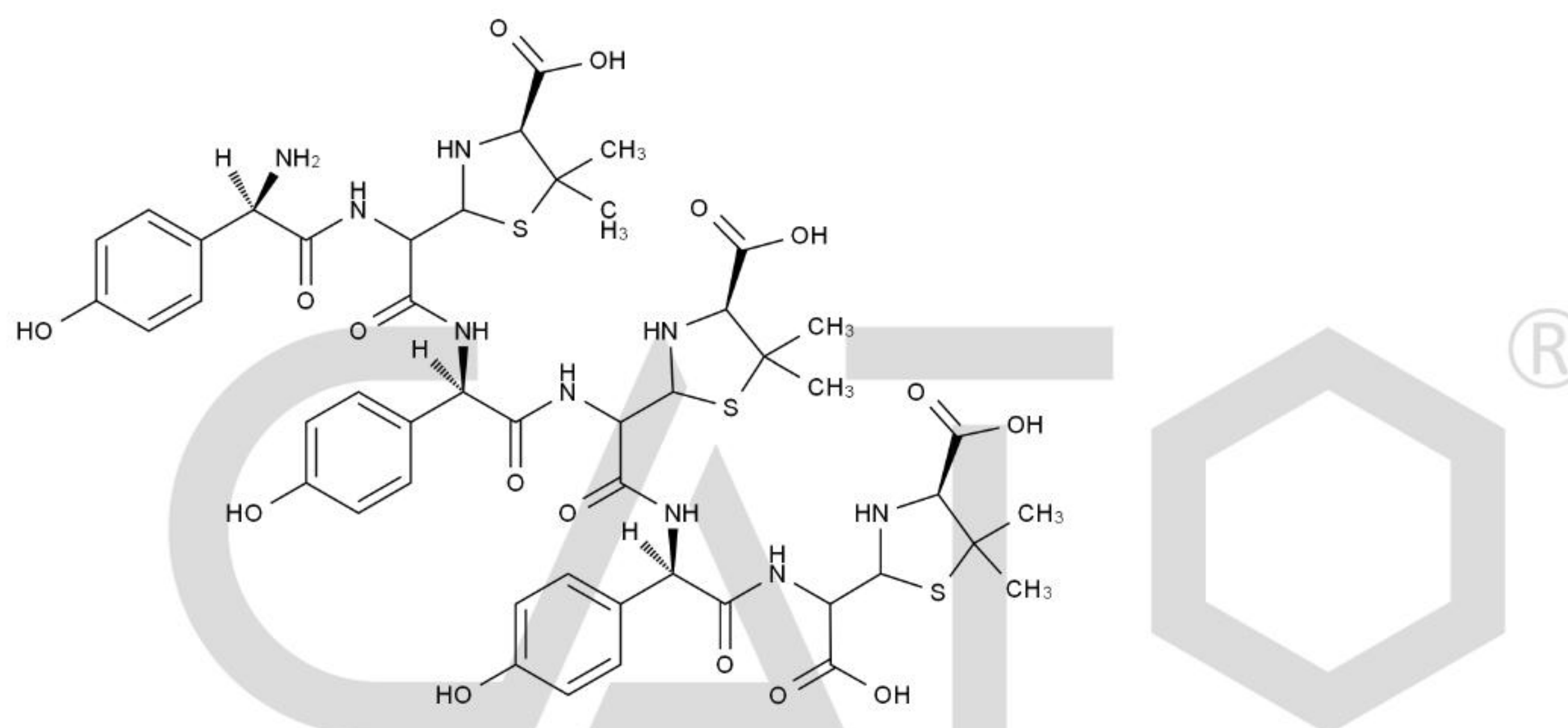


# Certificate of Analysis

## Reference Material & Standard

|                           |                            |                            |                                           |
|---------------------------|----------------------------|----------------------------|-------------------------------------------|
| <b>Product Name:</b>      | Amoxicillin Impurity 33    | <b>Catalogue Number:</b>   | C4X-114833                                |
| <b>Synonyms:</b>          | N/A                        | <b>Lot Number:</b>         | 0529-RH-0005                              |
| <b>CAS Number:</b>        | N/A                        | <b>Expiry Date:</b>        | Oct 19, 2029                              |
| <b>Molecular Formula:</b> | $C_{48}H_{59}N_9O_{16}S_3$ | <b>Storage:</b>            | -20°C±5°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 1114.23                    | <b>Shipping Condition:</b> | Shipping with Ice Packs                   |

## Chemical Structure:



| Test Items     | Method            | Results         |
|----------------|-------------------|-----------------|
| Appearance     | Visual inspection | Off-White Solid |
| Identification | LCMS&CNMR&HNMR    | Confirmed       |
| Purity         | HPLC              | 93.3%           |
| Assay          | qNMR              | 89.2%           |

## Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Jun 03, 2026

Date: Jun 03, 2026

Date: Jun 03, 2026



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Page 1 of 8



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