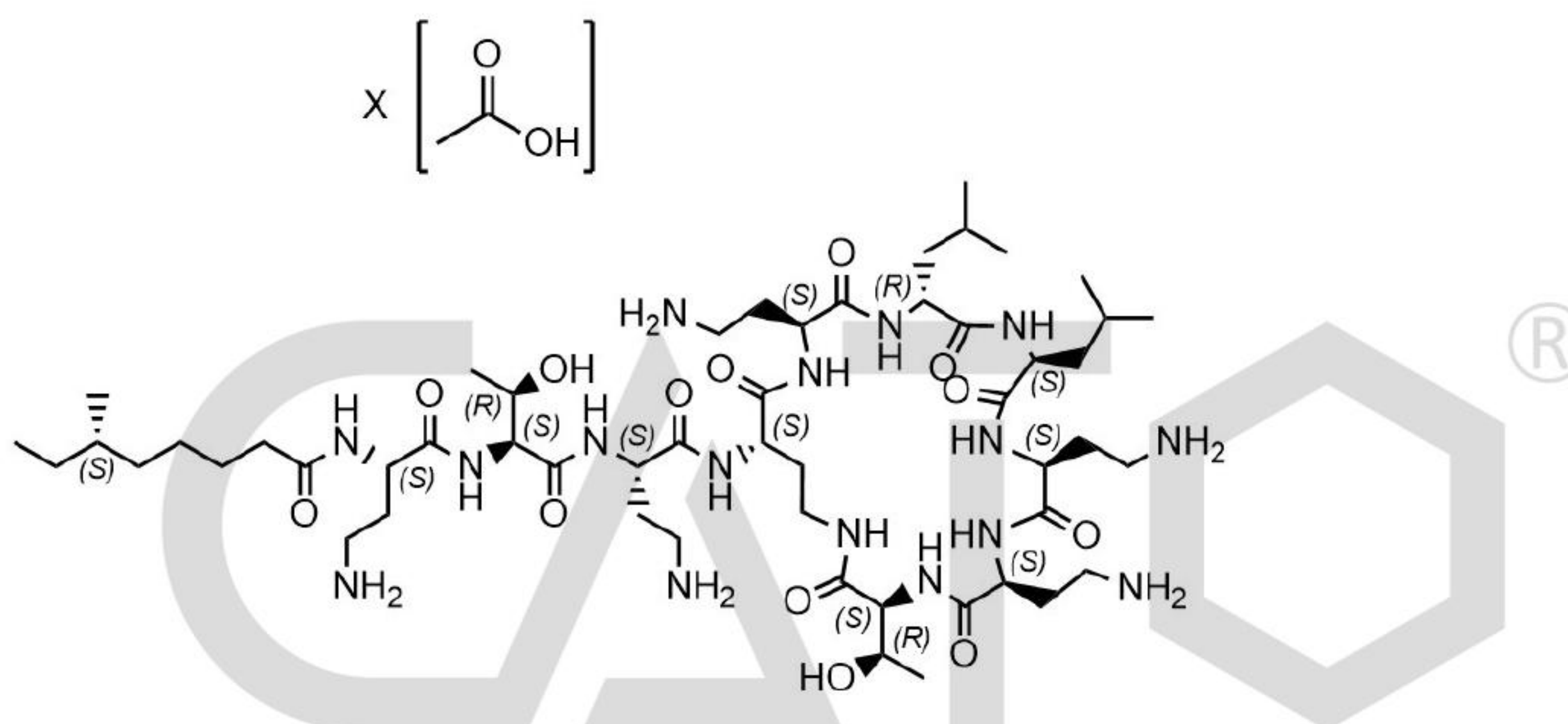


# Certificate of Analysis

## Reference Material & Standard

|                           |                                              |                            |                                           |
|---------------------------|----------------------------------------------|----------------------------|-------------------------------------------|
| <b>Product Name:</b>      | Polymyxin E1 (Colistin A) X Acetate          | <b>Catalogue Number:</b>   | C4X-225543                                |
| <b>Synonyms:</b>          | N/A                                          | <b>Lot Number:</b>         | 0202-RH-0172                              |
| <b>CAS Number:</b>        | 52798-95-5                                   | <b>Expiry Date:</b>        | Feb 05, 2030                              |
| <b>Molecular Formula:</b> | $C_{53}H_{100}N_{16}O_{13} \cdot XC_2H_4O_2$ | <b>Storage:</b>            | -20°C±5°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 1169.46 X60.05                               | <b>Shipping Condition:</b> | Shipping with Ice Packs                   |

## Chemical Structure:



| Test Items       | Method            | Results     |
|------------------|-------------------|-------------|
| Appearance       | Visual inspection | White Solid |
| Identification   | LCMS&HNMR         | Confirmed   |
| Purity           | ELSD              | 96.4%       |
| Assay(Free Base) | qNMR              | 75.3%       |

## Signature:

Prepared by:

*Koi*

Reviewed by:

*Lisa*

Approved by General Manager:

*David*

Date: Jun 11, 2026

Date: Jun 11, 2026

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