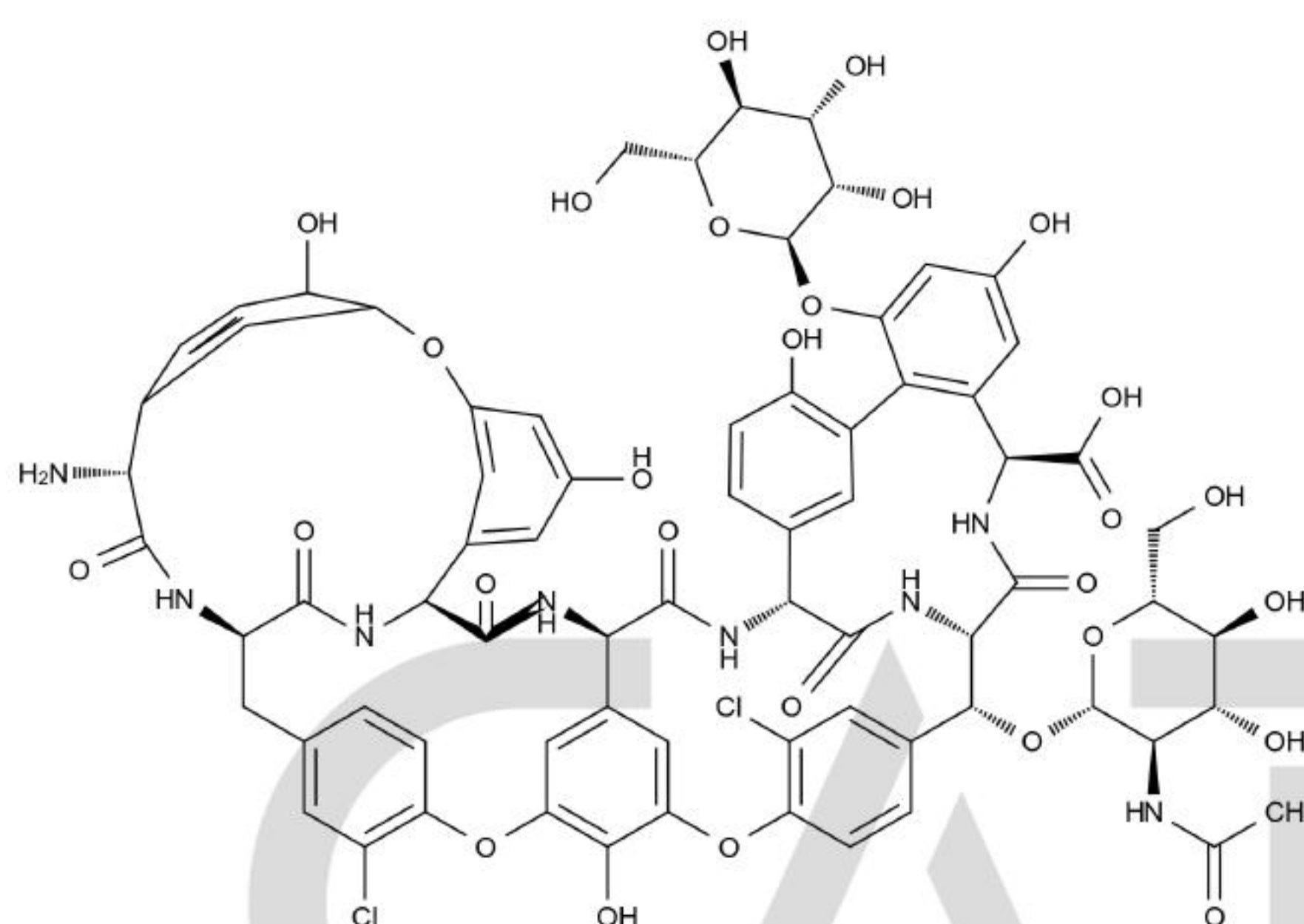


# Certificate of Analysis

## Reference Material

|                    |                  |                   |                                           |
|--------------------|------------------|-------------------|-------------------------------------------|
| Product Name:      | Teicoplanin A3-1 | Catalogue Number: | C4X-17581                                 |
| Chemical Name:     | N/A              | Lot Number:       | 0321-RE-0001                              |
| CAS Number:        | 93616-27-4       | Expiry Date:      | Feb 07, 2026                              |
| Molecular Formula: | C72H68Cl2N8O28   | Storage:          | -20°C±5°C Protected from light and Sealed |
| Molecular Weight:  | 1564.25          |                   |                                           |

## Chemical Structure:



| Test Items     | Method            | Results                  |
|----------------|-------------------|--------------------------|
| Appearance     | Visual inspection | White to Off-White Solid |
| Identification | LCMS&HNMR         | Confirmed                |
| Purity         | HPLC              | 90.08%                   |
| Loss On Drying | TGA               | 0.47%                    |
| Assay          |                   | 89.7%                    |

## Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) \* Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

## Signature:

Prepared by:

*Nacy*

Reviewed by:

*Xenia*

Aporoved by General manager:

*David*

Date: Feb 08, 2023

Date: Apr 10, 2023

Date: Apr 10, 2023

