# CERTIFICATE OF ANALYSIS

(Certificate No. KMT059007-01)

**Release Date:** 19/12/2024 **Re-test Date:** 18/12/2027

## Teicoplanin

## Identification

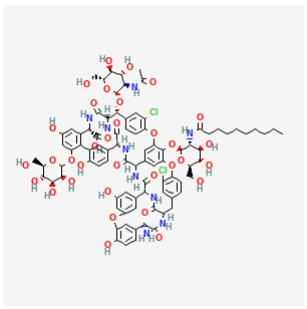
**Chemical Name** :
(1S,2R,19R,22R,34S,37R,40R,52S)-2-[(2R,3R,4R,5S,6R)-3-acetamido-4,5-dihydroxy-6-(hydroxymethyl)oxan-2-yl]oxy-22-amino-5,15-dichloro-64-[(2S,3R,4R,5S,6R)-3-(decanoylamino)-4,5-dihydroxy-6-(hydroxymethyl)oxan-2-yl]oxy-26,31,44,49-tetrahydroxy-21,35,38,54,56,59-hexaoxo-47-[(3S,4S,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxy-7,13,28-trioxa-20,36,39,53,55,58-hexazaundecacyclo[38.14.2.23,6.214,17.219,34.18,12.123,27.129,33.141,45.010,37.046,51]hexahexaconta-3,5,8,10,12(64),14,16,23(61),24,26,29(60),30,32,41(57),42,44,46(51),47,49,62,65-henicosaene-52-carboxylic acid

**CAT No.** : KMT059007

**CAS No.** : 61036-62-2

**Molecular Formula** : C88H97Cl2N9O33

**Molecular Weight** : 1879.64



## Analytical Information

| | | | |
|---|---|---|---|
| **Batch No.** | : CETEI00124 | **Solubility** | : Water |
| **Description** | : Off White Solid | **Mass** | : Confirm |
| **% Potency** | : 0 % | **1H NMR** | : Confirm |
| | | **13C NMR** | : Confirm |
| | | **DSC** | : Confirm |
| | | **C,H,N,S** | : Confirm |

## Additional Information

**Long Term Storage** : Store at 2-8 deg. C for long term storage

**Shipping Condition** : Product is stable to be shipped at room temperature

**% Potency =** [100 - ] x []/100 = 0 %

**Recommendation** : Released

| | Department | Name | Signature | Date |
|---|---|---|---|---|
| **Prepared By** | Analytical | Viraj Akabri | | 19/12/2024 |
| **Reviewed & Approved By** | Quality Control | Bhargav Kathiriya | | 19/12/2024 |

**Attachments** : COA, DSC,MASS, 1HNMR, 13C NMR and C,H,N,S