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## CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2024

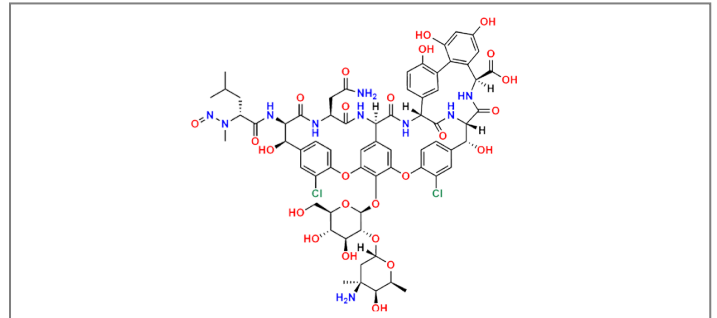
Re-test Date: Feb 2027

**Product Name: N-Nitroso Vancomycin**

### Identification:

Chemical Name: (3S,6R,7R,22R,23S,26S,36R,38aR)-3-(2-amino-2-oxoethyl)-44-(((2S,3R,4S,5S,6R)-3-(((2S,4S,5S,6S)-4-amino-5-hydroxy-4,6-dimethyltetrahydro-2H-pyran-2-yl)oxy)-4,5-dihydroxy-6-(hydroxymethyl)tetrahydro-2H-pyran-2-yl)oxy)-43,45-dichloro-7,22,28,30,32-pentahydroxy-6-(((R)-4-methyl-2-(methyl(nitroso)amino)pentanamido)-2,5,24,38,39-penta-oxo-2,3,4,5,6,7,23,24,25,26,36,37,38,38a-tetradecahydro-1H,22H-23,36-(epiminomethano)-8,11:18,21-dietheno-13,16:31,35-di(metheno)benzo[n][1]oxa[6,9]diazacyclohexadecino[4,5-d][1]oxa[7,17]diazacyclotetracosine-26-carboxylic acid

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-V7013  
Molecular Formula : C<sub>66</sub>H<sub>74</sub>Cl<sub>2</sub>N<sub>10</sub>O<sub>25</sub>  
Molecular Weight : 1478.26  
Batch Number : CP-VAN-NIT-0324



Storage Condition : Tightly closed, Inert atmosphere at -20° C  
Shipping condition : At low temperature with dry ice and ice pack gel

### Analytical Information:

| Sr. No. | Test           | Result                   |
|---------|----------------|--------------------------|
| 1)      | Description    | Light Brown Solid        |
| 2)      | Solubility     | Soluble in Methanol/DMSO |
| 3)      | MASS By LCMS   | Confirm to structure     |
| 4)      | Purity By HPLC | 95.41%                   |
| 5)      | H1NMR          | Confirm to structure     |
| 6)      | 13CNMR         | Confirm to structure     |



Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Manager QC Analytical)

Approved By

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.