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## CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2024

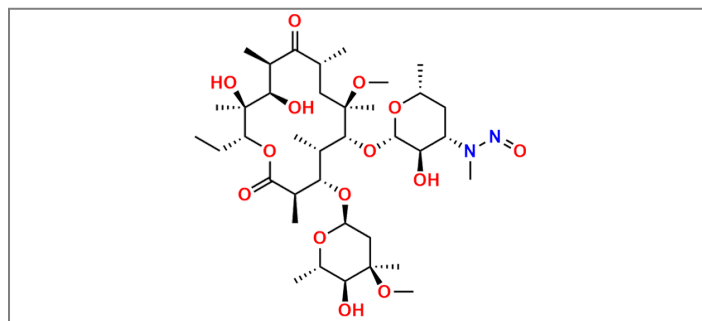
Re-test Date: Feb 2027

**Product Name: N-Nitroso N-Desmethyl Clarithromycin**

### Identification:

Chemical Name: N-((2S,3R,4S,6R)-2-(((3R,4S,5S,6R,7R,9R,11R,12R,13S,14R)-14-Ethyl-12,13-dihydroxy-4-(((2R,4R,5S,6S)-5-hydroxy-4-methoxy-4,6-dimethyltetrahydro-2H-pyran-2-yl)oxy)-7-methoxy-3,5,7,9,11,13-hexamethyl-2,10-dioxooxacyclotetradecan-6-yl)oxy)-3-hydroxy-6-methyltetrahydro-2H-pyran-4-yl)-N-methylnitrous amide

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-C1017  
Molecular Formula : C<sub>37</sub>H<sub>66</sub>N<sub>2</sub>O<sub>14</sub>  
Molecular Weight : 762.94  
Batch Number : CP-CLA-DMN-1123  
Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C  
Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	97.64%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	2.249%
8)	Potency by TGA	95.39%



**Prepared and Reviewed By**

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare  
(QA Head)

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