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## CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2023

Re-test Date: Aug 2026

**Product Name: Clarithromycin EP Impurity C**

### Identification:

Chemical Name: (3R,4S,5S,6R,7R,9R,11S,12R,13S,14R,E)-6-(((2S,3R,4S,6R)-4-(Dimethylamino)-3-hydroxy-6-methyltetrahydro-2H-pyran-2-yl)oxy)-14-ethyl-12,13-dihydroxy-4-(((2R,4R,5S,6S)-5-hydroxy-4-methoxy-4,6-dimethyltetrahydro-2H-pyran-2-yl)oxy)-10-(hydroxyimino)-7-methoxy-3,5,7,9,11,13-hexamethyloxacyclotetradecan-2-one

Synonyms : Clarithromycin9-Oxime ; 6-O-MethylerythromycinA(E)-9-oxime

CAS Number : 127253-06-9

CAT Number : CP-C1003

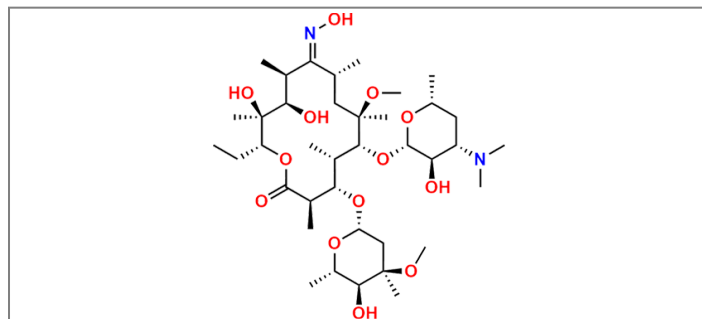
Molecular Formula : C<sub>38</sub>H<sub>70</sub>N<sub>2</sub>O<sub>13</sub>

Molecular Weight : 762.97

Batch Number : CP-CLA-C-0923

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	96.83%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	Weight loss by TGA	3.207%
7)	Potency by TGA	93.62%



**Prepared and Reviewed By**

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

Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**

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

Ms Rohini Gagare  
(Quality Assurance)

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