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CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2023

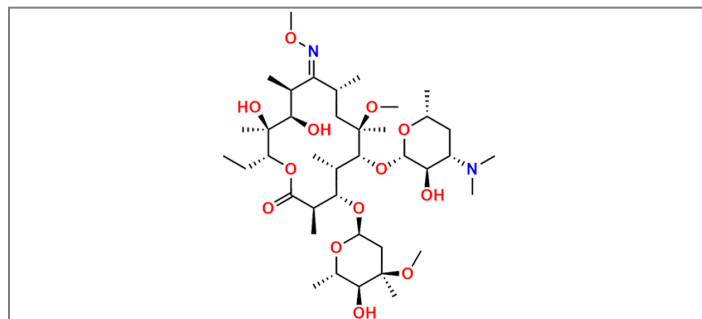
Re-test Date: Aug 2026

Product Name: Clarithromycin EP Impurity O

Identification:

Chemical Name: (3R,4S,5S,6R,7R,9R,11S,12R,13S,14R,Z)-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)-7-methoxy-10-(methoxyimino)-3,5,7,9,11,13-hexamethyloxacyclotetradecan-2-one

Synonyms : NA
CAS Number : 127252-80-6
CAT Number : CP-C1015
Molecular Formula : C₃₉H₇₂N₂O₁₃
Molecular Weight : 777.01
Batch Number : CP-CLA-O-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	85.05%
5)	¹ HNMR	Confirm to structure
6)	Weight loss by TGA	0.709%
7)	Potency by TGA	84.34%



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

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