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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Clarithromycin EP Impurity A

Identification:

Chemical Name: (3R,4S,5S,6R,7R,9R,11R,12R,13S,14R)-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)-3-(hydroxymethyl)-7-methoxy-5,7,9,11,13-pentamethyloxacyclotetradecane-2,10-dione

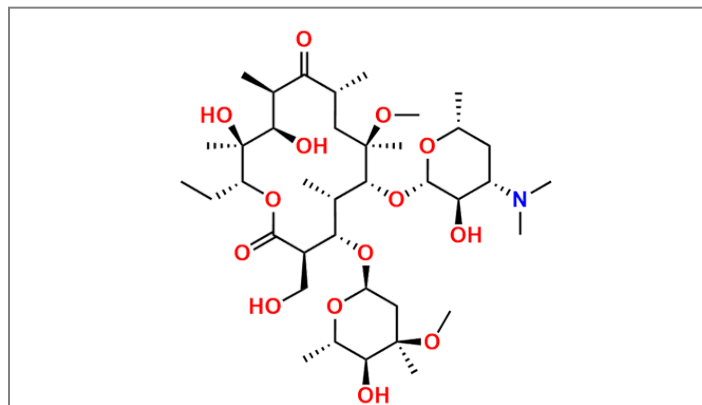
Synonyms : Clarithromycin F ; 2-Demethyl-2-(hydroxymethyl)-6-O-methylerythromycin A

CAS Number : 124412-58-4

CAT Number : CP-C1001

Molecular Formula : C₃₈H₆₉N₂O₁₄

Molecular Weight : 763.95



Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	-
8)	Potency by TGA	-



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.