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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Erythromycin EP Impurity K

Identification:

Chemical Name: (3R,4S,5S,6R,7R,9R,11R,12S,13R,14R)-4-[(2,6-dideoxy-3-C-methyl- α -L-ribo-hexopyranosyl)oxy]-14-ethyl-7,12-dihydroxy-3,5,7,9,11,13-hexamethyl-6-[[3,4,6-trideoxy-3-(dimethylamino)- β -D-xylo-hexopyranosyl]oxy]oxacyclotetradecane-2,10-dione (as per EP)

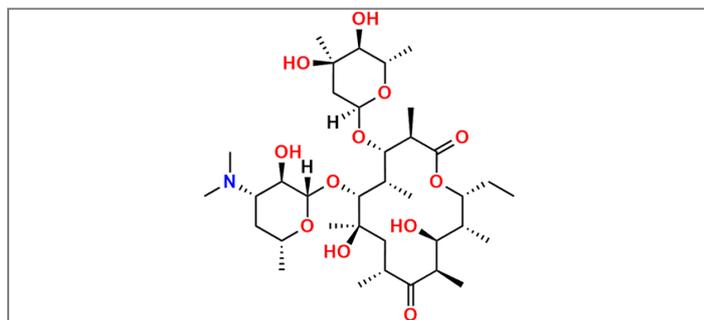
Synonyms : Erythromycin D ; 3''-O-demethyl-12-deoxy Erythromycin

CAS Number : 33442-56-7

CAT Number : CP-E18011

Molecular Formula : C₃₆H₆₅N₂O₁₂

Molecular Weight : 703.91



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)	¹ HNMR	Confirm to structure
6)	Weight loss by TGA	-
7)	Potency by TGA	-



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.