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CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2024

Re-test Date: Sep 2027

Product Name: Azithromycin EP Impurity I

Identification:

Chemical Name: 3'-N-Demethylazithromycin (as per EP)

Synonyms : N'-Desmethyl Azithromycin; N-Demethylazithromycin (USP)

CAS Number : 172617-84-4

CAT Number : CP-A37009

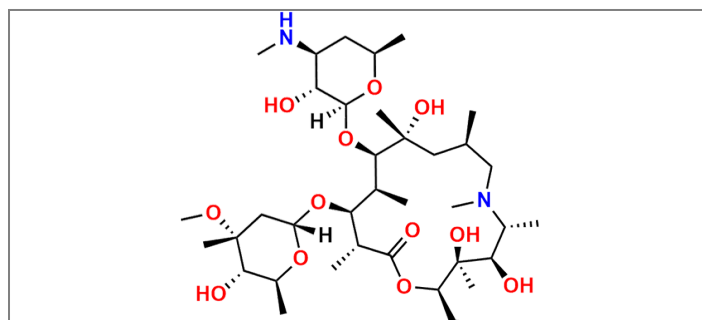
Molecular Formula : C₃₇H₇₀N₂O₁₂

Molecular Weight : 734.96

Batch Number : CP-AZI-I-0623

Storage Condition : Tightly closed, Inert atmosphere at -20° C

Shipping condition : At low temperature with dry ice and ice pack gel



Analytical Information:

Sr. No.	Test	Result
1)	Solubility	Soluble in Methanol/DMSO
2)	MASS By LCMS	Confirm to structure
3)	Purity By HPLC	98.87%
4)	H1NMR	Confirm to structure
5)	13CNMR	Confirm to Structure
6)	IR	Confirm to Structure



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.