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CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2024

Re-test Date: Oct 2027

Product Name: Azithromycin EP Impurity J

Identification:

Chemical Name: 13-O-Decladinosylazithromycin (as per EP)

Synonyms : Desosaminylazithromycin (USP)
; Descladinose Azithromycin

CAS Number : 117693-41-1

CAT Number : CP-A37010

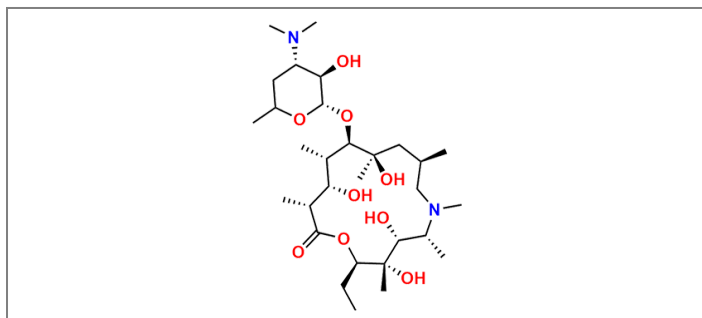
Molecular Formula : C₃₀H₅₈N₂O₉

Molecular Weight : 590.78

Batch Number : CP-AZI-J-1124

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 | 99.65% |
| 5) | H1NMR | Confirm to structure |
| 6) | 13CNMR | Confirm to Structure |
| 7) | Weight loss by TGA | 0.085% |
| 8) | Potency by TGA | 99.56% |



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.