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CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2025

Re-test Date: Jun 2028

Product Name: Azithromycin EP Impurity A

Identification:

Chemical Name: 9-Deoxy-9a-aza-9a-homoerythromycin A (as per USP)

Synonyms : 6-Demethyl Azithromycin (as per EP) ;
Desmethylazithromycin ;
Azaerythromycin A (USP)

CAS Number : 76801-85-9

CAT Number : CP-A37001

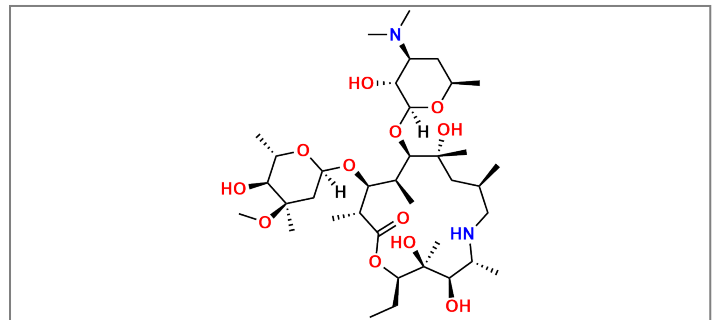
Molecular Formula : C₃₇H₇₀N₂O₁₂

Molecular Weight : 734.96

Batch Number : CHEM-AZI-A

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	96.24%
5)	¹ HNMR	Confirm to structure
6)	Weight loss by TGA	5.820%
7)	Potency by TGA	90.64%



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.