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CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2026

Re-test Date: Dec 2028

Product Name: Azithromycin EP Impurity E

Identification:

Chemical Name: (2R,3S,4R,5R,8R,10R,11R,12S,13S,14R)-13-[(2,6-Dideoxy-3-C-methyl-3-O-methyl- α -l-ribohexopyranosyl)oxy]-2-ethyl-3,4,10-trihydroxy-3,5,6,8,10,12,14-heptamethyl-11-[[3-amino-3,4,6-trideoxy- β -d-xylohexopyranosyl]oxy]-1-oxa-6-azacyclopentadecan-15-one (as per USP)

Synonyms : 3'-(N,N-didemethyl)azithromycin
(as per EP & USP) ; Amino
Azithromycin (EP & USP)

CAS Number : 612069-27-9

CAT Number : CP-A37005

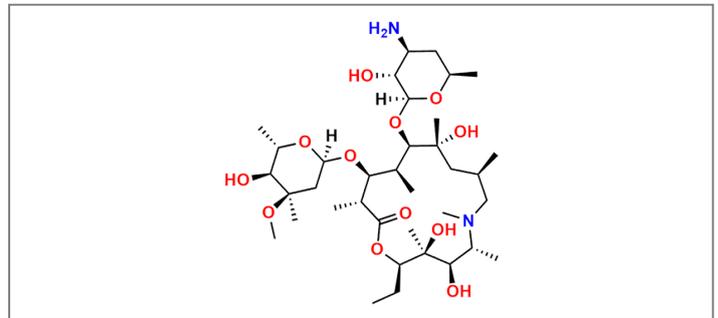
Molecular Formula : C₃₆H₆₈N₂O₁₂

Molecular Weight : 720.93

Batch Number : CP-AZI-E-0126

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	96.75%
5)	¹ HNMR	Confirm to structure



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.