



## SYNCHEMIA RESEARCH CHEMICAL

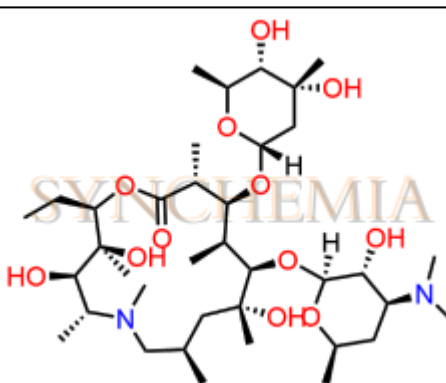
Plot No.408, Prakash Industries, 1st Floor, Bhare Phata, Tal- Mulshi, Dist- Pune, Maharashtra India.

Mob.No: 9404317505 / 7276018915

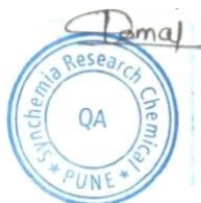
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### CERTIFICATE OF ANALYSIS

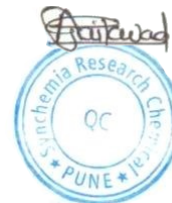
<b>Product Name</b>	: Azithromycin EP Impurity C	
<b>CAS NO</b>	: 620169-47-3	
<b>Batch No</b>	: NA	
<b>Date of Analysis</b>	: NA	
<b>Retest Date</b>	: NA	
<b>Structure</b>	: 	
<b>Chemical Name</b>	: 3-O-demethylazithromycin ; (2R,3S,4R,5R,8R,10R,11R,12S,13S,14R)-13-[(2,6-Dideoxy-3-C-methyl--L-ribo-hexopyranosyl)oxy]-2-ethyl-3,4,10-trihydroxy-3,5,6,8,10,12,14- heptamethyl-11-[[3,4,6-trideoxy-3-dimethylamino--D-xylo-hexopyranosyl]oxy]-1-oxa-6-azacyclopentadecan-15-one	
<b>Molecular Formula</b>	: C <sub>37</sub> H <sub>70</sub> N <sub>2</sub> O <sub>12</sub>	
<b>Molecular Weight</b>	: 735.0 g/mole	
<b>Sr. No.</b>	<b>Test</b>	<b>Result</b>
1)	<b>Description</b>	NA
2)	<b>Solubility</b>	DMSO,METHANOL
3)	<b>Identification</b> 1.Mass 2.1H NMR 3.IR	Confirm to structure Confirm to structure Confirm to structure
4)	<b>Purity by HPLC</b>	NA
<b>Long Term Storage Condition</b> 2–8 degrees Celsius		

Prepared and Reviewed By



Ms Ashwini Gaikwad  
(QC DEPARTMENT)

Approved By



Ms Komal Kapase  
(QA DEPARTMENT)



**Note:** This is only for Analytical testing purpose, not for Human or Animal Consumption