

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,  
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank  
Navi Mumbai 410208, MH, INDIA. Email- [info@chemicea.com](mailto:info@chemicea.com) Mob- +91 9284897978

## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Azithromycin EP Impurity I**

### Identification:

Chemical Name: 3-N-Demethylazithromycin

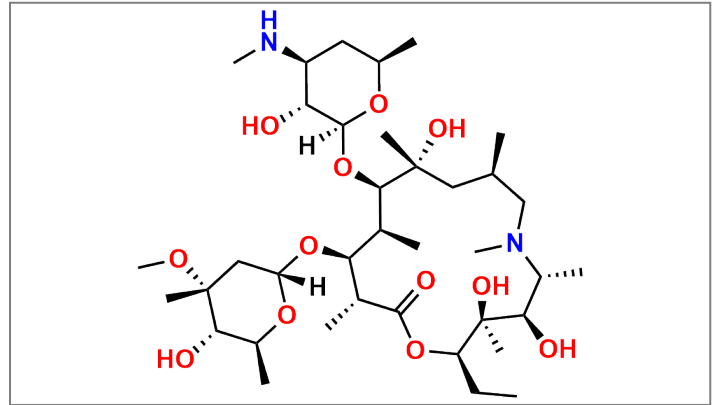
Synonyms: : N'-Desmethyl Azithromycin ; N-Demethylazithromycin (USP)

CAS Number: : 172617-84-4

CAT Number: : CP-A37009

Molecular Formula: : C<sub>37</sub>H<sub>70</sub>N<sub>2</sub>O<sub>12</sub>

Molecular Weight: : 734.96



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	<sup>1</sup> H NMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Manager QC Analytical)

Approved By

Ms Rohini Gagare  
(QA Head)