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## CERTIFICATE OF ANALYSIS

Analysis Date:

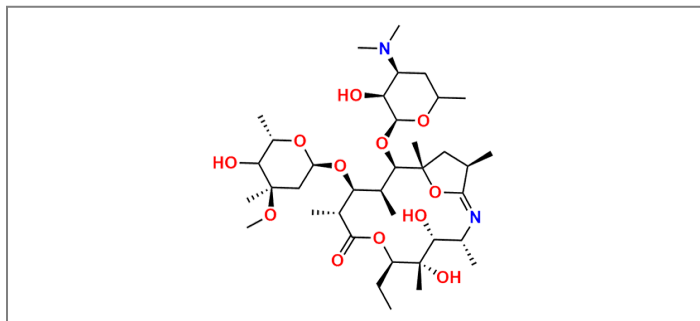
Re-test Date:

**Product Name: Azithromycin Impurity Q**

### Identification:

Chemical Name: (3R,4R,5S,6R,9R,10S,11S,12R,13S,15R,Z)-12-(((2S,3S,4S)-4-(dimethylamino)-3-hydroxy-6-methyltetrahydro-2H-pyran-2-yl)oxy)-6-ethyl-4,5-dihydroxy-10-(((2R,4R,6S)-5-hydroxy-4-methoxy-4,6-dimethyltetrahydro-2H-pyran-2-yl)oxy)-3,5,9,11,13,15-hexamethyl-7,16-dioxo-2-azabicyclo[11.2.1]hexadec-1-en-8-one

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-A37042  
Molecular Formula : C<sub>37</sub>H<sub>66</sub>N<sub>2</sub>O<sub>12</sub>  
Molecular Weight : 730.9



### 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)	H1NMR	Confirm to structure



**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.