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### CERTIFICATE OF ANALYSIS

Analysis Date:

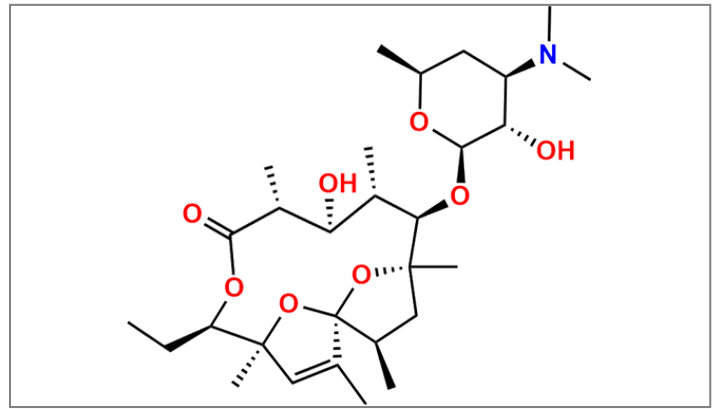
Re-test Date:

**Product Name: Erythromycin EP Impurity I**

#### Identification:

Chemical Name: (1S,4S,5R,8R,9S,10S,11R,12R,14R)-5-Ethyl-9-hydroxy-2,4,8,10,12,14-hexamethyl-11-[[[3,4,6-trideoxy-3-(dimethylamino)-β-D-xylo-hexopyranosyl]oxy]-6,15,16-trioxatricyclo[10.2.1.11.4]hexadec-2-en-7-one

Synonyms : Erythralosamine  
CAS Number : 546-57-6  
CAT Number : CP-E18036  
Molecular Formula : C<sub>29</sub>H<sub>49</sub>N<sub>2</sub>O<sub>8</sub>  
Molecular Weight : 539.7



#### 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.