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## CERTIFICATE OF ANALYSIS

Analysis Date:

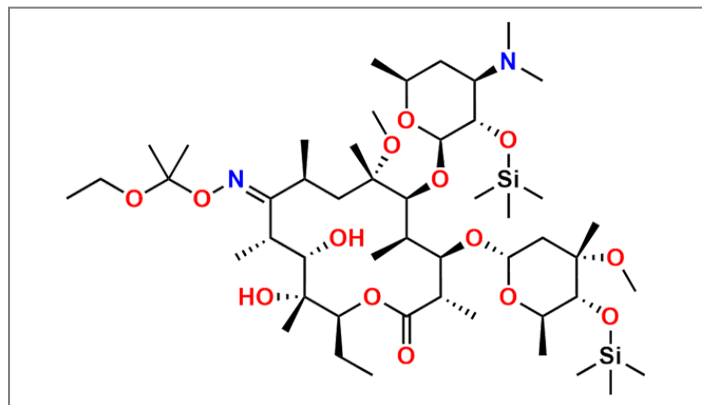
Re-test Date:

**Product Name: Erythromycin Impurity 1**

### Identification:

Chemical Name: (3R,4S,5S,6R,7R,9R,11S,12R,13S,14R)-6-(((2S,3R,4S,6R)-4-(Dimethylamino)-6-methyl-3-((trimethylsilyl)oxy)tetrahydro-2H-pyran-2-yl)oxy)-10-(((2-ethoxypropan-2-yl)oxy)imino)-14-ethyl-12,13-dihydroxy-7-methoxy-4-(((2R,4R,5S,6S)-4-methoxy-4,6-dimethyl-5-((trimethylsilyl)oxy)tetrahydro-2H-pyran-2-yl)oxy)-3,5,7,9,11,13-hexamethyloxacyclotetradecan-2-one

Synonyms : NA  
CAS Number : 119665-62-2  
CAT Number : CP-E18026  
Molecular Formula : C<sub>49</sub>H<sub>96</sub>N<sub>2</sub>O<sub>14</sub>Si<sub>2</sub>  
Molecular Weight : 993.48



### 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.