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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Erythromycin EP Impurity L**

### Identification:

Chemical Name: (3R,4S,5S,6R,7R,9R,11R,12R,13S,14R)-4-[(2,6-dideoxy-3-C-methyl-3-O-methyl- $\alpha$ -L-ribo-hexopyranosyl)oxy]-14-ethyl-7,12,13-trihydroxy-3,5,7,9,11,13-hexamethyl-6-[[3,4,6-trideoxy-3-(formylmethylamino)- $\beta$ -D-xyllo-hexopyranosyl]oxy]oxacyclotetradecane-2,10-dione (as per EP)

Synonyms : 3"-N-demethyl-3"-N-formylerythromycin A ; N-Demethyl-N-formylerythromycin

CAS Number : 127955-44-6

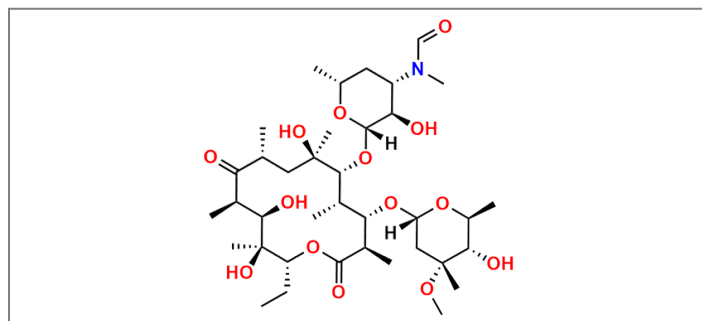
CAT Number : CP-E18012

Molecular Formula : C<sub>37</sub>H<sub>65</sub>N<sub>2</sub>O<sub>14</sub>

Molecular Weight : 747.92

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	Mass Spectrometry	Confirm to structure
4)	Purity By HPLC	>95%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	Weight loss by TGA	-
7)	Potency	-

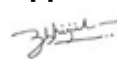


**Prepared and Reviewed By**



Mr. Shubham Bondre  
(Quality Control)

**Approved By**



Mr. Abhijit Kale  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.