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## CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2025

Re-test Date: Sep 2028

**Product Name: Roxithromycin EP Impurity F**

### Identification:

Chemical Name: (9E)-9-[O-[(2-Methoxyethoxy)methyl]oxime]-N-demethyl Erythromycin

Synonyms : N-Demethyl Roxithromycin

CAS Number : 118267-18-8

CAT Number : CP-R20008

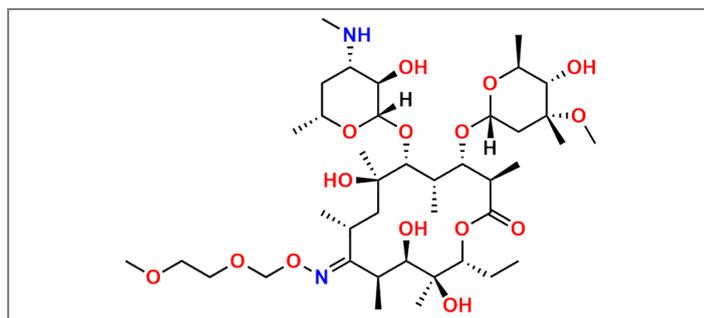
Molecular Formula : C<sub>40</sub>H<sub>74</sub>N<sub>2</sub>O<sub>15</sub>

Molecular Weight : 823

Batch Number : CP-ROX-F-0925

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	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.47%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	<sup>13</sup> CNMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	1.784%
9)	Potency by TGA	96.71%



Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Quality Control)

Approved By

Ms Rohini Gagare  
(Quality Assurance)

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