Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank
Navi Mumbai 410208, MH, INDIA. Email- info@chemicea.com Mob- +91 9284897978

# CERTIFICATE OF ANALYSIS

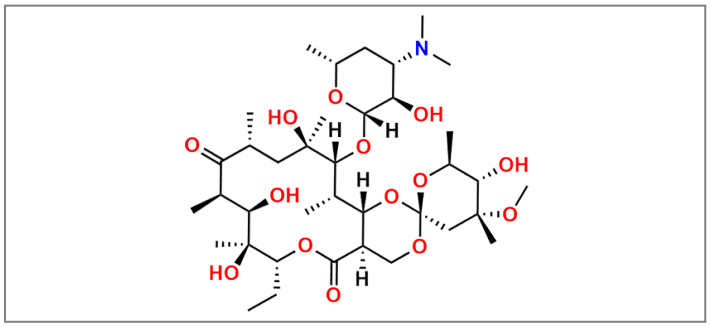
Analysis Date: Re-test Date:

**Product Name: Erythromycin EP Impurity C**

**Identification:**

Chemical Name: (2S,4aR,4′R,5′S,6′S,7R,8S,9R,10R,12R,14R,15R,16S,16aS)-7-ethyl-5′,8,9,14-tetrahydroxy-4′-methoxy-4′,6′,8,10,12,14,16-heptamethyl-15-[[3,4,6-trideoxy-3-(dimethylamino)-β-D-xylo-hexopyranosyl]oxy]hexadecahydrospiro[5H,11H-1,3-dioxino[5,4-c]oxacyclotetradecin-2,2′-pyrane]-5,11-dione (as per EP)

| | | |
|---|---|---|
| Synonyms | : | Erythromycin E |
| CAS Number | : | 41451-91-6 |
| CAT Number | : | CP-E18003 |
| Molecular Formula | : | C37H65NO14 |
| 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) | 1HNMR | 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.