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Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank
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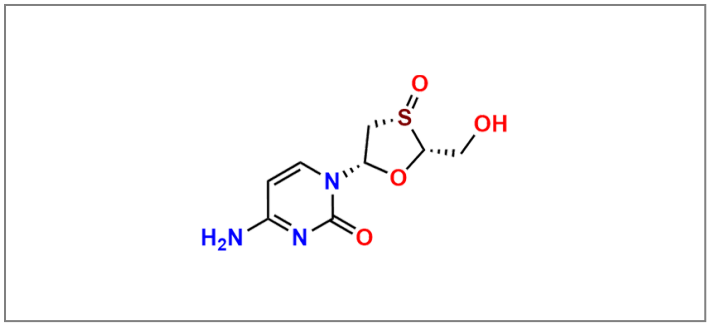
# CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2026 Re-test Date: Jun 2029

**Product Name: Lamivudine EP Impurity G**

**Identification:**

Chemical Name: 4-Amino-1-((2R,3S,5S)-2-(hydroxymethyl)-3-oxido-1,3-oxathiolan-5-yl)pyrimidin-2(1H)-one




| | | |
|---|---|---|
| Synonyms | : | Lamivudine S-sulfoxide |
| CAS Number | : | 160552-55-6 |
| CAT Number | : | CP-L3007 |
| Molecular Formula | : | C8H11N3O4S |
| Molecular Weight | : | 245.25 |
| Batch Number | : | CP-40-176 |
| 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 Spectrometry | Confirm to Structure |
| 4) | Purity by GC | 98.65% |
| 5) | 1HNMR | Confirm to Structure |
| 6) | 13CNMR | Confirm to Structure |
| 7) | FT-IR | Confirm to Structure |

**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.