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## CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2025

Re-test Date: Aug 2028

**Product Name: Lamivudine EP Impurity J**

### Identification:

Chemical Name: 1-((2R,5S)-2-(Hydroxymethyl)-1,3-oxathiolan-5-yl)pyrimidine-2,4(1H,3H)-dione

Synonyms : Lamivudine Uridine Analog

CAS Number : 145986-07-8

CAT Number : CP-L3010

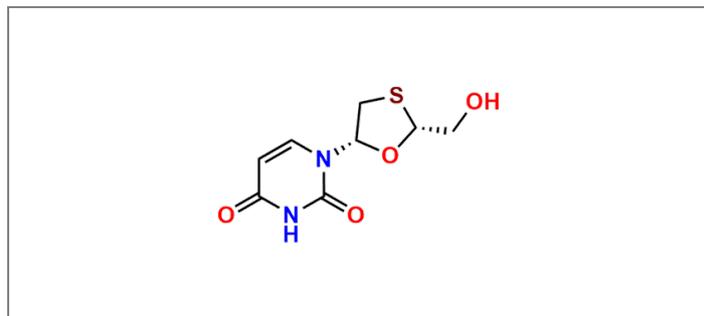
Molecular Formula : C<sub>8</sub>H<sub>10</sub>N<sub>2</sub>O<sub>4</sub>S

Molecular Weight : 230.24

Batch Number : CP-27-78

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	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	99.89%
5)	<sup>1</sup> H NMR	Confirm to structure
6)	<sup>13</sup> C NMR	Confirm to Structure
7)	IR	Confirm to Structure



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.