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## CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2022

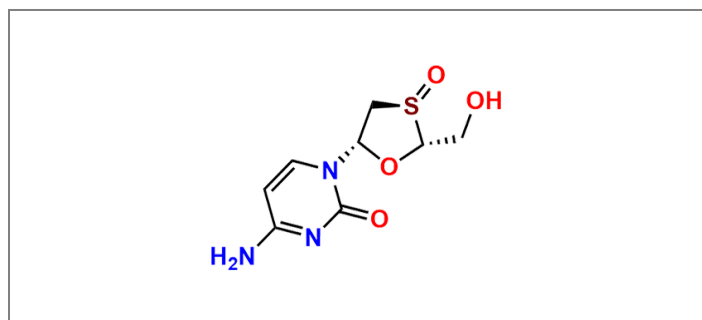
Re-test Date: Aug 2025

**Product Name: Lamivudine EP Impurity H**

### Identification:

Chemical Name: 4-Amino-1-[(2R,3R,5S)-2-(hydroxymethyl)-1,3-oxathiolan-5-yl]pyrimidin-2(1H)-one S-oxide (as per EP)

Synonyms : NA  
CAS Number : 160552-54-5  
CAT Number : CP-L3008  
Molecular Formula : C<sub>8</sub>H<sub>11</sub>N<sub>3</sub>O<sub>4</sub>S  
Molecular Weight : 245.25  
Batch Number : S-LAM-H-01



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 DMSO/ACN:H <sub>2</sub> O (8:2)
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	97.58%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



**Prepared and Reviewed By**



Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**



Ms Rohini Gagare  
(QA Head)

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