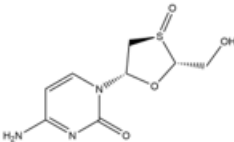


## CERTIFICATE OF ANALYSIS

**Product Name :** Lamivudine Sulfoxide

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

|                           |   |   |
|---------------------------|---|---|
| <b>CAS number</b>         | 160552-54-5   | <b>Chemical structure:</b><br> |
| <b>Molecular Formula</b>  | C8H11N3O4S  |   |
| <b>Molecular Weight</b>   | 245.26  |   |
| <b>Analysis Date</b>      | August-2024   |   |
| <b>Re-test Date</b>       | July-2025   |   |
| <b>Batch Number</b>       | VLS-02/LAM-Oxide/01   |   |
| <b>Storage condition</b>  | Store at 0-5°C (under inert temperature)                        |   |
| <b>Shipment condition</b> | Tightly packed under nitrogen atmosphere in sealed bottle at RT |   |

### ANALYTICAL INFORMATION:

| S No | TEST   | RESULT  |
|------|--|---|
| 1    | DESCRIPTION  | White-Off white solid   |
| 2    | IDENTIFICATION<br>1. 1H-NMR<br>2. MASS<br>3. IR      | Conforms to the structure<br>Conforms to the structure<br>Conforms to the structure |
| 3    | CHROMATOGRAPHIC PURITY (By HPLC, area Normalization) | 98.99%  |

Prepared by:

Reviewed by: