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## CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2025

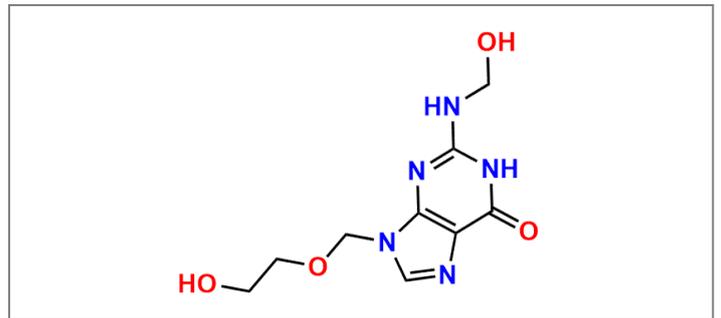
Re-test Date: May 2028

**Product Name: Aciclovir Impurity O**

### Identification:

Chemical Name: 9-((2-Hydroxyethoxy)methyl)-2-((hydroxymethyl)amino)-1,9-dihydro-6H-purin-6-one

Synonyms : NA  
CAS Number : 2190509-40-9  
CAT Number : CP-A8026  
Molecular Formula : C<sub>9</sub>H<sub>13</sub>N<sub>5</sub>O<sub>4</sub>  
Molecular Weight : 255.23  
Batch Number : CP-ACI-OI-0525



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      | 97.92%                    |
| 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.