

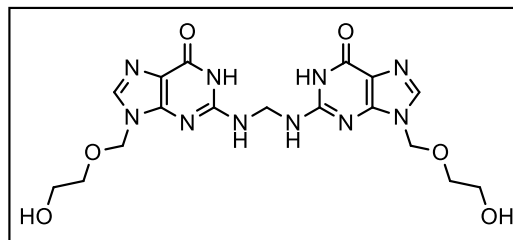
Analysis Date: 10-07-2022

Re-test Date: 10-07-2025

ACYCLOVIR EP IMPURITY K

Identification

Chemical Name	: 2,2'-(Methylenediazaniyl)bis[9-[(2-hydroxyethoxy)methyl]-1,9-dihydro-6H-purin-6-one]
CAT No	: ALL-A04052
CAS No	: 1797131-64-6
Molecular Formula	: C ₁₇ H ₂₂ N ₁₀ O ₆
Molecular Weight	: 462.4



Analytical Information

Batch Code	: ALL-A04052	HPLC Purity	: 96.20 %
Solubility	: MeOH: ACN	Potency	: 93.81 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 ⁰ C	IR Analysis	: Confirm
Weight Content By TGA	: 1.046 %	¹ HNMR	: Confirm
Residue Of Ignition	: 1.429 %		

Additional Information

$$\% \text{Potency} = [100 - (\text{Inorganic Impurities \%} + \text{Water \%}) \times \text{Chromatographic Purity\%}] / 100 =$$

$$[100 - (1.046 + 1.429) \times 96.20] / 100 = 93.81 \%$$

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Swapnil Kausatkar Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, ¹H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office

Allmpus Laboratories Pvt Ltd 38, Solitaire Industrial Estate, Plot No.TS-1, Near Nandi Palace Hotel, MIDC-Phase 1, Dombivli (E), Mumbai, Maharashtra 421203