

CERTIFICATE OF ANALYSIS

(Certificate No. KMA059004-01)

Release Date: 27/11/2024

Re-test Date: 26/11/2027

ACICLOVIR EP IMPURITY C

Identification

Chemical Name :

2-Amino-7-[(2-hydroxyethoxy)methyl]-1,7-dihydro-6H-purin-6-one (as per EP & USP)

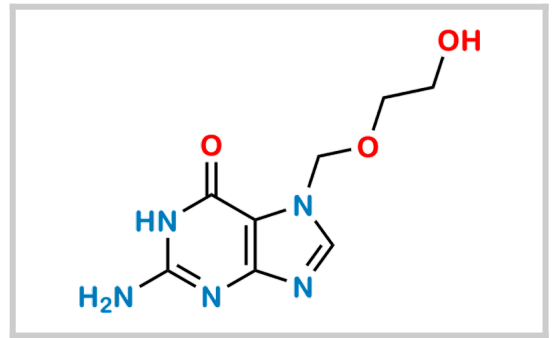
Alt. Name : Aciclovir N7-Isomer (USP)

CAT No. : KMA059004

CAS No. : 91702-61-3

Molecular Formula : C₈H₁₁N₅O₃

Molecular Weight : 225.2



Analytical Information

Batch No. : SL-PMR-327-006

Description : Off White Solid

HPLC Purity : 97.69 %

Weight Loss By TGA : 0.47 %

% Potency : 97.23 %

Solubility : DMSO and Metanol

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.47(Weight Loss By TGA)] x [97.69(HPLC Purity)]/100 = 97.23 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		20/04/2026
Reviewed & Approved By	Quality Control	Jatin Patel		20/04/2026

Attachments : COA, HPLC, MASS, ¹HNMR, IR and TGA