CERTIFICATE OF ANALYSIS

(Certificate No. KMA059004-02)

Release Date: 06/07/2026 **Re-test Date:** 05/07/2029

Aciclovir Impurity C

Identification

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

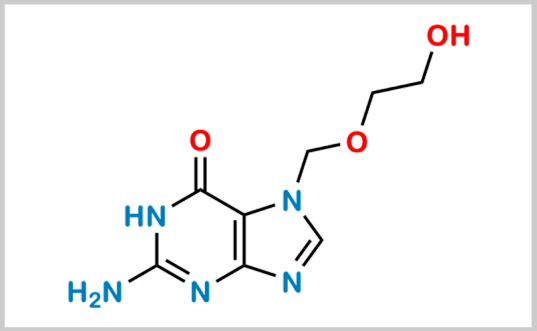
Alt. Name : Aciclovir N7-Isomer (USP)

CAT No. : KMA059004

CAS No. : 91702-61-3

Molecular Formula : C8H11N5O3

Molecular Weight : 225.2



Analytical Information

Batch No. : A059004-136-082

Description : Off White Solid

HPLC Purity : 94.32 %

Weight Loss By TGA : 2.33 %

% Potency : 92.12 %

Solubility : DMSO : Water (2:8)

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 - 2.33(Weight Loss By TGA)] x [94.32(HPLC Purity)]/100 = 92.12 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		06/07/2026
Reviewed & Approved By	Quality Control	Jatin Patel		06/07/2026

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