

CERTIFICATE OF ANALYSIS

(Certificate No. KMA059001-02)

Release Date: 11/05/2026

Re-test Date: 10/05/2029

Aciclovir

Identification

Chemical Name :

2-Amino-9-[(2-hydroxyethoxy)methyl]-1,9-dihydro-6H-purin-6-one (as per EP) ; 9-[(2-Hydroxyethoxy)methyl]guanine (as per USP)

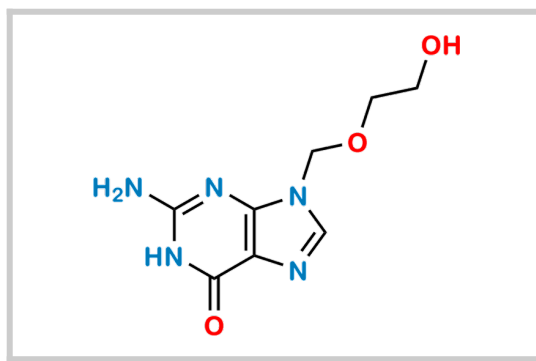
Alt. Name : Valaciclovir EP Impurity B ; Acivir ;
Acyclo V ; Acycloguanosine ; Acyclovir
; Avirase ; Axiluwei

CAT No. : KMA059001

CAS No. : 59277-89-3

Molecular Formula : C₈H₁₁N₅O₃

Molecular Weight : 225.2



Analytical Information

Batch No. : A059001-114-297

Description : White solid

HPLC Purity : 99.70 %

Weight Loss By TGA : 0.59 %

% Potency : 99.11 %

Solubility : Methanol

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 - 0.59(Weight Loss By TGA)] x [99.70(HPLC Purity)]/100 = 99.11 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		11/05/2026
Reviewed & Approved By	Quality Control	Jatin Patel		11/05/2026

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA