

CERTIFICATE OF ANALYSIS

(Certificate No. KMA059001-02)

Release Date: 16/04/2026

Re-test Date: 15/04/2029

ACYCLOVIR STANDARD

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)

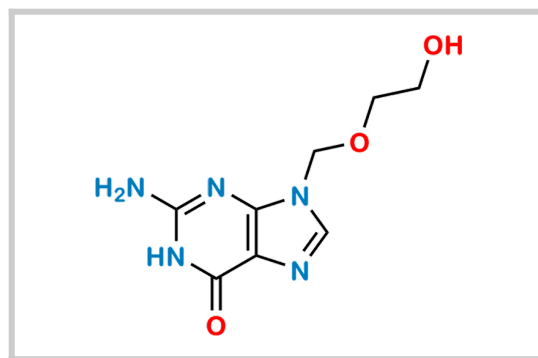
Alt. Name : Valaciclovir EP Impurity B ; Acivir ;
Acyclo V ; Acycloguanosine ; Acyclovir
; Avirase ; Axiluwei

CAT No. : KMA059001

CAS No. : 59277-89-3

Molecular Formula : C₈H₁₁N₅O₃

Molecular Weight : 225.2



Analytical Information

Batch No. : A059001-114

Description : White solid

HPLC Purity : NLT 95 %

Weight Loss By TGA : NMT 1.0 %

% Potency : 94.05 %

Solubility : Methanol

Mass : Should be confirm

IR : Should be confirm

¹H NMR : Should be 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 - 1.(Weight Loss By TGA)] x [95(HPLC Purity)]/100 = 94.05 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		16/04/2026
Reviewed & Approved By	Quality Control	Jatin Patel		16/04/2026

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