CERTIFICATE OF ANALYSIS

(Certificate No. KMA059001-02)

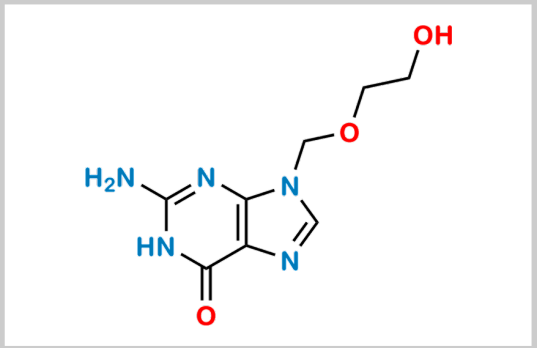
Release Date: 11/05/2026 **Re-test Date:** 10/05/2029

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 ; Axiluowei
CAT No.	: KMA059001
CAS No.	: 59277-89-3
Molecular Formula	: C8H11N5O3
Molecular Weight	: 225.2



Analytical Information

Batch No.	: A059001-114-297	**Solubility**	: Methanol
Description	: White solid	**Mass**	: Confirm
HPLC Purity	: 99.70 %	**IR**	: Confirm
Weight Loss By TGA	: 0.59 %	**1H NMR**	: Confirm
% Potency	: 99.11 %		

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, 1HNMR,IR and TGA