CERTIFICATE OF ANALYSIS

(Certificate No. KMA059013-01)

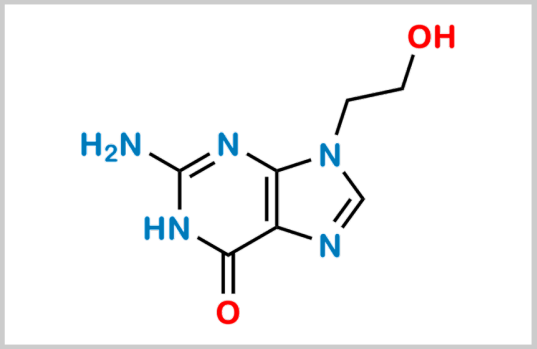
Release Date: 08/02/2024 **Re-test Date:** 07/02/2027

HYDROXYETHYL GUANINE (ACYCLOVIR IMPURITY P)

Identification

Chemical Name :
2-Amino-9-(2-hydroxyethyl)-1,9-dihydro-6H-purin-6-one (as per EP & USP)

Alt. Name	: Hydroxyethyl guanine (USP) ; 9-(2-Hydroxyethyl)guanine
CAT No.	: KMA059013
CAS No.	: 23169-33-7
Molecular Formula	: C7H9N5O2
Molecular Weight	: 195.2



Analytical Information

Batch No.	: SL-YSA-273-198	**Solubility**	: Methanol
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 99.88 %	**IR**	: Confirm
Weight Loss By TGA	: 0.07 %	**1H NMR**	: Confirm
% Potency	: 99.81 %		

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 - 0.07(Weight Loss By TGA)] x [99.88(HPLC Purity)]/100 = 99.81 %

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, 1HNMR,IR and TGA