

CERTIFICATE OF ANALYSIS

(Certificate No. KMV009011-01)

Release Date: 16/04/2025

Re-test Date: 15/04/2028

VALACICLOVIR EP IMPURITY A

Identification

Chemical Name :

2-Amino-1,9-dihydro-6H-purin-6-one

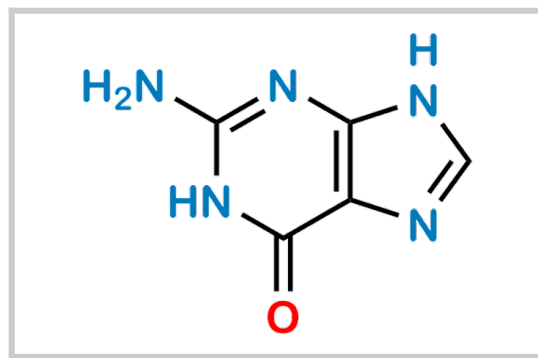
Alt. Name : Valaciclovir USP Related Compound A ; Guanine

CAT No. : KMV009011

CAS No. : 73-40-5

Molecular Formula : C₅H₅N₅O

Molecular Weight : 151.1



Analytical Information

Batch No. : SP-009-082

Description : Off White Solid

HPLC Purity : 99.05 %

Weight Loss By TGA : 0.05 %

% Potency : 99 %

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 - 0.05(Weight Loss By TGA)] x [99.05(HPLC Purity)]/100 = 99 %

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, TGA