

CERTIFICATE OF ANALYSIS

(Certificate No. KMV009020-01)

Release Date: 18/04/2025

Re-test Date: 17/04/2028

Valaciclovir EP Impurity J

Identification

Chemical Name :

2-[(2-Amino-6-oxo-1,6-dihydro-9H-purin-9-yl)methoxy]ethyl L-isoleucinate

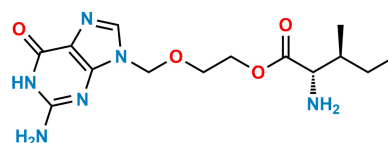
Alt. Name : Acyclovir L-Isoleucinate ;

CAT No. : KMV009020

CAS No. : 142963-63-1 (free base) ;
124832-29-7 (HCl salt)

Molecular Formula : C₁₄H₂₂N₆O₄

Molecular Weight : 338.4



Analytical Information

Batch No. : V009020-091-338

Description : White Solid

HPLC Purity : 94.07 %

Weight Loss By TGA : 2.74 %

% Potency : 91.49 %

Solubility : Water

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 - 2.74(Weight Loss By TGA)] x [94.07(HPLC Purity)]/100 = 91.49 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		21/04/2025
Reviewed & Approved By	Quality Control	Jatin Patel		21/04/2025

Attachments : COA, HPLC, MASS, ¹HNMR, IR and TGA