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

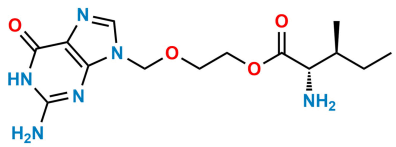
Alt. Name : Acyclovir L-Isoleucinate ;

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	**Solubility**	: Water
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 94.07 %	**IR**	: Confirm
Weight Loss By TGA	: 2.74 %	**1H NMR**	: Confirm
% Potency	: 91.49 %		

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