CERTIFICATE OF ANALYSIS

(Certificate No. KMV009028-01)

Release Date: 09/12/2025 **Re-test Date:** 08/12/2028

Valaciclovir EP Impurity R

Identification

Chemical Name :
2-[(2-Amino-6-oxo-1,6-dihydro-9H-purin-9-yl)methoxy]ethyl D-valinate (as per EP)

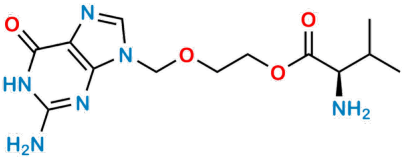
Alt. Name : D-Valacyclovir ; Acyclovir D-Valinate

CAT No. : KMV009028

CAS No. : 142963-60-8

Molecular Formula : C13H20N6O4

Molecular Weight : 324.3



Analytical Information

Batch No. : V009028-114-046

Description : White Solid

HPLC Purity : 96.76 %

Weight Loss By TGA : 6.34 %

% Potency : 90.63 %

Solubility : Methanol : Water (8:2)

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 - 6.34(Weight Loss By TGA)] x [96.76(HPLC Purity)]/100 = 90.63 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		09/12/2025
Reviewed & Approved By	Quality Control	Jatin Patel		09/12/2025

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