CERTIFICATE OF ANALYSIS

(Certificate No. KMV009018-01)

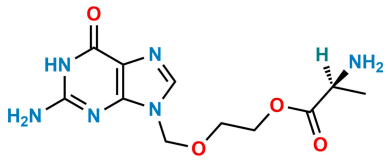
Release Date: 18/04/2025 **Re-test Date:** 17/04/2028

Valaciclovir EP Impurity H

Identification

Chemical Name :
2-[(2-Amino-6-oxo-1,6-dihydro-9H-purin-9-yl)methoxy]ethyl L-alaninate

Alt. Name	: Valaciclovir USP Related Compound H ; Acyclovir L-Alaninate ; Didesmethyl Valacyclovir ;
CAT No.	: KMV009018
CAS No.	: 84499-64-9 (free base) ; 84499-63-8 (HCl salt)
Molecular Formula	: C11H16N6O4
Molecular Weight	: 296.3



Analytical Information

Batch No.	: V009018-091-329	**Solubility**	: Water
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 99.14 %	**IR**	: Confirm
Weight Loss By TGA	: 3.57 %	**1H NMR**	: Confirm
% Potency	: 95.6 %		

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 - 3.57(Weight Loss By TGA)] x [99.14(HPLC Purity)]/100 = 95.6 %

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