

# **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)

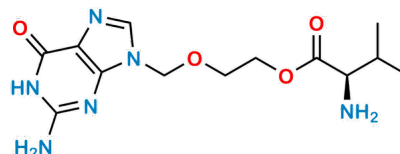
**Alt. Name** : D-Valacyclovir ; Acyclovir D-Valinate

**CAT No.** : KMV009028

**CAS No.** : 142963-60-8

**Molecular Formula** : C<sub>13</sub>H<sub>20</sub>N<sub>6</sub>O<sub>4</sub>

**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

**<sup>1</sup>H 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, <sup>1</sup>HNMR, IR and TGA