

CERTIFICATE OF ANALYSIS

(Certificate No. KMC165001-01)

Release Date: 20/03/2026

Re-test Date: 19/03/2029

Cidofovir

Identification

Chemical Name :

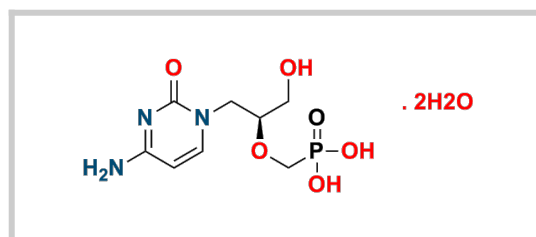
1-[(S)-3-Hydroxy-2-(phosphonylmethoxy)propyl]cytosine dihydrate (as per USP)

CAT No. : KMC165001

CAS No. : 149394-66-1

Molecular Formula : C₈H₁₄N₃O₆P · 2H₂O

Molecular Weight : 279.2 : 36.03



Analytical Information

Batch No. : C165001-114-191

Description : White solid

HPLC Purity : 99.96 %

Weight Loss By KF : 9.12 %

% Potency : 90.84 %

Solubility : Water

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

¹³C 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 - 9.12(Weight Loss By KF)] x [99.96(HPLC Purity)]/100 = 90.84 %

-Customer batch no.: 1CIR123001

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		21/03/2026
Reviewed & Approved By	Quality Control	Jatin Patel		21/03/2026

Attachments : COA, HPLC, MASS, ¹HNMR, ¹³CNMR, IR and KF