

Analysis Date: 27-12-2025

Re-test Date: 27-12-2028

ABACAVIR DIAMINO PURINE IMPURITY

Identification

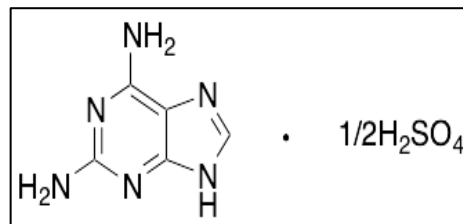
Chemical Name : 1H-Purine-2,6-diamine, sulfate

CAT No : ALL-A07485

CAS No : 69369-16-0 (Hemisulfate)

Molecular Formula : C₅H₆N₆. 1/2 H₂SO₄

Molecular Weight : 199.15



Analytical Information

Batch Code : ALL-A07485

HPLC Purity : 98.00 %

Solubility : USP Diluent / EP Diluent (MEOH)

Potency : 96.50 %

Appearance of Product : Off White Solid

Mass : Confirm

Long Term Storage : 2-8 °C

IR Analysis : Confirm

Weight Loss By TGA : 0.356%

¹HNMR : Confirm

Residue Of Ignition : 1.098 %

Additional Information

$$\begin{aligned} \% \text{Potency} &= [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = \\ &= [100 - (0.356 + 1.098) \times 98.00] / 100 = 96.50 \% \end{aligned}$$

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadase Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, ¹H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office

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