

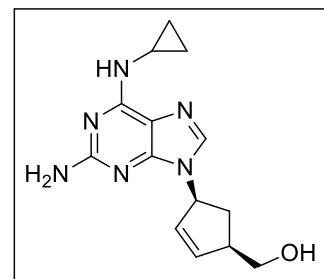
Analysis Date: 10-08-2023

Re-test Date: 10-08-2026

ABACAVIR EP IMPURITY A

Identification

Chemical Name	: (1R,4S)-4-[2-Amino-6-(cyclopropylamino)-9H-purin-9-yl]-2-cyclopentene-1-methanol,(1R-cis)-4-[2-Amino-6-(cyclopropylamino)-9H-purin-9-yl]-2-cyclopentene-1-methanol
CAT No	: ALL-A04350
CAS No	: 136470-79-6
Molecular Formula	: C14H18N6O
Molecular Weight	: 286.33



Analytical Information

Batch No.	: ALL-A04350	HPLC Purity	: 98.32 %
Solubility	: MeOH: ACN	Potency	: 96.93 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.546 %	1HNMR	: Confirm
Residue Of Ignition	: 0.861 %		

Additional Information

$$\begin{aligned} \text{\%Potency} &= [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = \\ &[100 - (0.546+0.861) \times 98.32] / 100 = 96.93 \% \end{aligned}$$

Recommendation : Released

Prepared and Reviewed by	Department	Name	Signature
	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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