

Analysis Date: 02-08-2024

Re-test Date: 02-08-2027

ABACAVIR IMPURITY 14

Identification

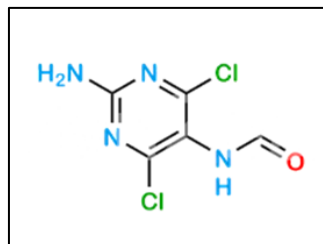
Chemical Name : 2-Amino-6-hydroxy-5-nitrosopyrimidin-4(3H)-one

CAT No : ALL-A06914

CAS No : 55482-22-9

Molecular Formula : C₄H₄N₄O₃

Molecular Weight : 156.1



Analytical Information

Batch N.A. : ALL-A06914

Solubility : MeOH: ACN

Appearance of Product : Off White Solid

Long Term Storage : 2-8⁰C

Weight Loss By TGA : 0.822 %

Residue Of Ignition : 0.759 %

HPLC Purity : 98.00 %

Potency : 96.45 %

Mass : Confirm

IR Analysis : Confirm

¹HNMR : Confirm

Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = [100 - (0.822 + 0.759) \times 98.00] / 100 = 96.45 \%$$

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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