

Analysis Date: 02-08-2024

Re-test Date: 02-08-2027

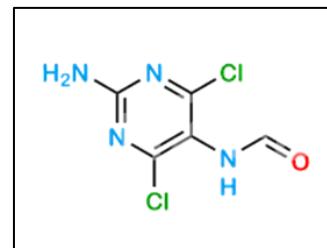
ABACAVIR IMPURITY 14

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 **HPLC Purity** : 98.00 %

Solubility : MeOH: ACN **Potency** : 96.45 %

Appearance of Product : Off White Solid **Mass** : Confirm

Long Term Storage : 2-8°C **IR Analysis** : Confirm

Weight Loss By TGA : 0.822 % **1HNMR** : Confirm

Residue Of Ignition : 0.759 %

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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