

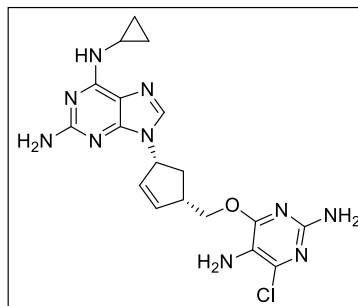
Analysis Date: 11-07-2024

Re-test Date: 14-12-2026

## ABACAVIR EP IMPURITY B | ABACAVIR USP RC D

### Identification

Chemical Name	: 6-(Cyclopropylamino)-9-[(1R,4S)-4-[[[2,5-diamino-6-chloropyrimidin-4-yl]oxy]methyl]cyclopent-2-enyl]-9H-purine-2-amine
CAT No	: ALL-A06957
CAS No	: 1443421-69-9
Molecular Formula	: C <sub>18</sub> H <sub>21</sub> ClN <sub>10</sub> O
Molecular Weight	: 428.88



### Analytical Information

Batch No.	: ALL-A06957	HPLC Purity	: 98.06 %
Solubility	: MeOH: ACN	Potency	: 96.50 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 <sup>0</sup> C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.173 %	<sup>1</sup> HNMR	: Confirm
Residue Of Ignition	: 1.410 %		

### Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = [100 - (0.173 + 1.410) \times 98.06] / 100 = 96.50 \%$$

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, <sup>1</sup>H NMR, IR, TGA

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

### Corporate Office

Allmpus Laboratories Pvt Ltd 38, Solitaire Industrial Estate, Plot No.TS-1, Near Nandi Palace Hotel, MIDC-Phase 1, Dombivli (E), Mumbai, Maharashtra 421203