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# **CERTIFICATE OF ANALYSIS**

Analysis Date:

Re-test Date:

#### Product Name: Sofosbuvir Impurity 31

#### Identification:

Chemical Name: ((2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydropyrimidin-1(2H)-yl)-4-fluoro-3-hydroxy-4-methyltetrahydrofuran-2-yl)methyl tetrahydrogen triphosphate

Synonyms	: NA	
CAS Number	: NA	
CAT Number	: CP-S45121	
Molecular Formula	: C10H16FN2O14P3	
Molecular Weight	: 500.16	HO` $\stackrel{*}{_{\sf F}} \sim \stackrel{*}{_{\sf O}} \stackrel{*}{_{\sf O}}$

## Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure



### Prepared and Reviewed By

Ms Priyanka Salunkhe (Manager QC Analytical) Approved By

Ms Rohini Gagare (QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.

