

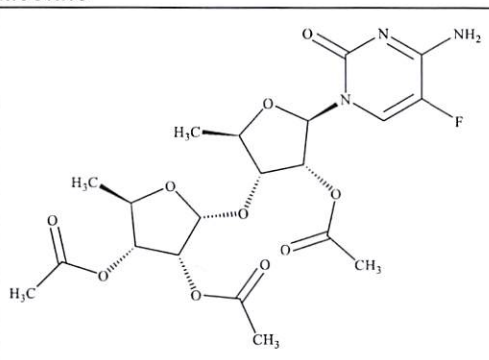
## Certificate of Analysis

Certificate No.: **20250606004**

Date: June 6, 2025

Retest date: May 28, 2028

<b>Compound Name:</b> Capecitabine Impurity 24	
<b>Synonyms:</b>	(2R,3R,4R,5R)-2-(((2R,3R,4R,5R)-4-acetoxy-5-(4-amino-5-fluoro-2-oxopyrimidin-1(2H)-yl)-2-methyltetrahydrofuran-3-yl)oxy)-5-methyltetrahydrofuran-3,4-diyl diacetate
<b>TLC Catalogue Number:</b>	C-3538
<b>CAS Number:</b>	N/A
<b>Alternate CAS Number:</b>	N/A
<b>Molecular Weight:</b>	487.44
<b>Molecular Formula:</b>	C <sub>20</sub> H <sub>26</sub> FN <sub>3</sub> O <sub>10</sub>
<b>Source:</b>	TLC Pharmaceutical Standards
<b>Source Lot No.:</b>	6726-098A5
<b>Storage Conditions:</b>	Store at 2-8 °C
<b>Solubility:</b>	Methanol, DMSO, DMF, Acetonitrile



Test Description	Specifications	Results
<b>Visual Description</b>	White to off-white solid	<b>Conforms</b>
<b>Identification</b>		
IR	Conforms to structure	<b>Conforms</b>
MS	Conforms to structure	<b>Conforms</b>
<sup>1</sup> H NMR	Conforms to structure	<b>Conforms</b>
<b>Purity (HPLC)</b>	Not less than 95.0%	<b>96.7%</b>
<b>Impurity (HPLC)</b>	RT 12.31, 0.65%; RT 14.67, 0.90%; RT 15.45, 1.19%	
<b>Residual Solvents (NMR)</b>	3.6% ethyl acetate	
<b>Assay (qNMR)</b>	Not less than 85.0%	<b>90.1%</b>
<b>Recommendation:</b>	<b>Release.</b>	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/06/2025
Approved by:	Quality Assurance		06/06/2025

**Attachments:** Peak Attribution Table, HPLC, IR, MS and NMR spectra.