Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank
Navi Mumbai 410208, MH, INDIA. Email- info@chemicea.com Mob- +91 9284897978

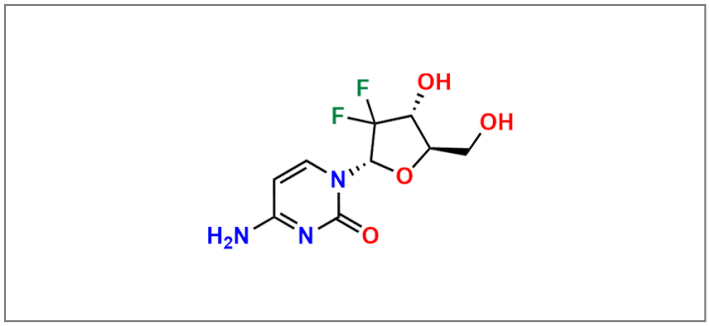
CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2025 Re-test Date: Mar 2028

Product Name: Gemcitabine EP Impurity B

Identification:

Chemical Name: 4-amino-1-(2-deoxy-2,2-difluoro-α-d-erythro-pentofuranosyl)pyrimidin-2(1H)-one (as per EP)



Synonyms	:	Gemcitabine α-anomer
CAS Number	:	95058-85-8
CAT Number	:	CP-G7002
Molecular Formula	:	C9H11F2N3O4
Molecular Weight	:	263.20
Batch Number	:	CHEM-GEM-B
Storage Condition	:	Tightly closed, Inert atmosphere at 2 to 8° C
Shipping condition	:	All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA

Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	Mass Spectrometry	Confirm to structure
4)	Purity By HPLC	92.63 %
5)	1HNMR	Confirm to structure

Prepared and Reviewed By

Mr. Shubham Bondre
(Quality Control)

Approved By

Mr. Abhijit Kale
(Quality Assurance)

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