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Certificate of Analysis

Catalogue Number	37736
Product	Capecitabine
Lot Number	002197-20220301
	5'-Deoxy-5-fluoro-N4-[(pentyloxy)carbonyl]cytidine
CAS Number	154361-50-9
Molecular Formula	C ₁₅ H ₂₂ FN ₃ O ₆
Molecular Weight	359.35

Appearance	White to off-white crystalline powder
Solubility	Freely soluble in chloroform and methanol
Heavy Metals	< 20 ppm
Water Content (Karl Fisher)	0.10%
Optical Rotation	[α] _D ²⁰ = 98.2 ° (C=1 in MeOH)
Residual Solvents	Comply the USP standards
Microbial Count	Comply the USP standards
Related Substances	Impurity A : 0.002% Impurity B : 0.006% Impurity C : 0.002% Single Unspecified impurity : 0.008% Total Unspecified impurity : 0.026% Other impurities : Comply the standards Total impurities : 0.14%
Residue On Ignition	0.05%
Assay	99.80% (On anhydrous basis)
Grade	meets USP specification
Storage	Store at 2 - 8 °C
Additional Information	Identification (A) : Infra Red Spectrum : Conforms to structure Identification (B) : The retention time of the major peak of the Sample solution corresponds to that of the Standard solution, as obtained in the Assay

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager