



CERTIFICATE OF ANALYSIS

Product Name	5'-ODMT 2'-OMe N-Ac Cytidine-3'-OCEPA		
Material Code	12460290	CAS Number	199593-09-4
Batch No.	1124608010	Molecular Formula	C42H52N5O9P
Mfg. Date	DEC 2021	Molecular Weight	801.86

TEST	SPECIFICATION	RESULTS
*Appearance	White to off white solid	Off white solid
Solubility	No visible particles in 0.2M Acetonitrile solution	Complies
*Moisture content by Oven technique	NMT 0.50 %	0.33 %
*Purity by 31P NMR (Solvent: CDCl3)	NLT 98.0 %	99.5 %
*Purity by HPLC	NLT 98.0 %	98.3 %
*Single maximum Impurity	NMT 0.50 %	0.39 %
Residual Solvent	NMT 1.00 %	0.46 %

Remarks Product complies as per above specification.
*Retested on 19 JUL 2022.

Storage condition Store at -20°C temperature, do not expose to moisture/sunlight.

Dr. Ravi Kinshikar
Vice President-Quality

Certificate generated electronically.