



CERTIFICATE OF ANALYSIS

Product Name	5'-ODMT-2'OTBDMS-N-iBu-Guanosine-3'OCEPA		
Material Code	18370990	CAS Number	147201-04-5
Batch No.	1183708204	Molecular Formula	C50H68N7O9PSi
Mfg. Date	SEP 2021	Molecular Weight	970.17

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 %	0.18 %
*Purity by ³¹ P NMR (Solvent: CDCl ₃)	NLT 98.0 %	100.0 %
*Purity by HPLC	NLT 98.0 %	99.1 %
*Single maximum impurity	NMT 0.50 %	0.23 %
Residual Solvent	NMT 1.00 %	0.66 %

Remarks Product complies as per above specification.
*Retested on 03 AUG 2022.

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

Dr. Ravi Kinshikar
Vice President-Quality

Certificate generated electronically.