



CERTIFICATE OF ANALYSIS

Product Name	5'-ODMT-2'-OMe-N-iBu Guanosine-3'OCEPA		
Material Code	12430290	CAS Number	150780-67-9
Batch No.	1124307330	Molecular Formula	C45H56N7O9P
Mfg. Date	NOV 2021	Molecular Weight	869.94

TEST	SPECIFICATION	RESULTS
*Appearance	White to off white powder	Off white powder
Solubility	No visible particle in 0.2M Acetonitrile solution	Complies
*Moisture content by oven technique	NMT 0.50 %	0.29 %
*Purity by 31P NMR (Solvent CDCl3)	NLT 98.0 %	98.5 %
*Purity by HPLC (% Area)	NLT 98.0 %	98.9 %
Residual Solvent	NMT 1.00 %	0.35 %

Remarks Product complies as per above specification.
*Retested on 20 SEP 2022.

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

Dr. Ravi Kinshikar
Vice President-Quality

Certificate generated electronically.