



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
Retest Date	AUG 2022	Molecular Weight	970.17

TEST	SPECIFICATION	RESULTS
Appearance	White to off white solid	White solid
Solubility	No visible particle in 0.2M Acetonitrile solution	Complies
Moisture content by oven technique	NMT 0.50 %	0.05 %
Purity by 31P NMR (Solvent: CDCl ₃)	NLT 98.0 %	99.4 %
Purity by HPLC	NLT 98.0 %	99.3 %
Single maximum impurity	NMT 0.50 %	0.22 %
Residual Solvent	NMT 1.00 %	0.66 %

Remarks Product complies as per above specification.

Storage & packing condition Store at -20°C temperature, do not expose to moisture/sunlight. Material packed in amber color schott duran bottle.

Certificate generated electronically; no signature required.