



CERTIFICATE OF ANALYSIS

Product Name	Locked Nucleic Acid G (dmf) Phosphoramidite		
Material Code	11560290	CAS Number	709641-79-2
Batch No.	I115611728	Molecular Formula	C44H53N8O8P
Retest Date	SEP 2022	Molecular Weight	852.91

TEST	SPECIFICATION	RESULTS
Appearance (Color)	White to off-white solid	White solid
Appearance (Form)	Free from foreign particles	Complies
Solubility	No visible particles in 0.2M Acetonitrile solution	Complies
Moisture content by oven technique	NMT 0.50 %	0.07 %
Purity by ³¹ P NMR	NLT 98.0 %	99.8 %
Purity by HPLC (Area %)	NLT 98.0 %	99.1 %
Residual Solvent	NMT 1.00 %	0.56 %

Remarks Product complies as per the specification.

Storage & packing condition Material packed in amber color Schott Duran bottle under nitrogen atmosphere. Store at -20°C, do not expose to sunlight/moisture.

Certificate generated electronically; no signature required.