



## CERTIFICATE OF ANALYSIS

Product Name	<b>Locked Nucleic Acid T Phosphoramidite</b>		
Material Code	11540190	CAS Number	206055-75-6
Batch No.	115402513	Molecular Formula	C41H49N4O9P
Retest Date	SEP 2022	Molecular Weight	772.82

TEST	SPECIFICATION	RESULTS
Appearance (Color)	White to off-white solid	Off-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 %	0.32 %
Purity by 31P NMR	NLT 98.0 %	99.7 %
Purity by HPLC (Area %)	NLT 98.0 %	99.1 %
Residual Solvent	NMT 1.00 %	0.50 %

**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.*