



CERTIFICATE OF ANALYSIS

Product Name	Locked Nucleic Acid A (Bz) Phosphoramidite		
Material Code	11580290	CAS Number	206055-79-0
Batch No.	115815203	Molecular Formula	C48H52N7O8P
Mfg. Date	OCT 2021	Molecular Weight	885.94

TEST	SPECIFICATION	RESULTS
*Appearance (Color)	White to off-white	Off-white
*Appearance (Form)	Solid free from foreign particles	Complies
Solubility	No visible particles in 0.2M Acetonitrile solution	Complies
*Moisture content by oven technique	NMT 0.50 %	0.05 %
*Purity by 31P NMR	NLT 98.0 %	99.7 %
*Purity by HPLC (Area %)	NLT 98.0 %	98.6 %
Residual Solvent	NMT 1.00 %	0.37 %

Remarks Product complies as per above specification.
*Retested on 24 JUN 2022.

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

Dr. Ravi Kinshikar
Vice President-Quality

Certificate generated electronically.