

PRODUCT IDENTITY

PRODUCT NAME	Ac-rG Phosphoramidite	PRODUCT NUMBER	A777108
Grades & Purity	for DNA synthesis, Suitable for molecular biology, ≥98%	VERSION	3
CAS NUMBER	944138-03-8	FORMULA	C ₄₈ H ₆₄ N ₇ O ₉ PSi
FORMULA WEIGHT	942.1g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Appearance(A777108)	White to off white powder
Solution Clarity(0.2 M solution in acetonitrile is free from undissolved particulate)	Pass
Phosphorus NMR Spectra	Conforms to Structure
Water by Karl Fischer	0-0.3 (%)
Residual Solvent by GC-HS	0-3 (%)
Purity(HPLC)	98-100 (%)
Proton NMR spectrum	Conforms to Structure