

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-18 16:50:25
 Date of Next Testing: 2027-08-08 16:50:25
 Product Name: **Ac-rG Phosphoramidite**
 CAS Number: 944138-03-8
 Specifications & Purity: for DNA synthesis, Suitable for molecular biology, ≥98%
 Lot #: H2512367
 SKU #: **A777108**
 Version: **1**
 Analysis #: **502326**
 Storage Temperature: Protected from light, Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.00100 %
Water by Karl Fischer	0-0.3 (%)	0.08000 %
Residual Solvent by GC-HS	0-3 (%)	1.73000 %
Appearance(A777108)	White to off white powder	White to Off White Powder
Solution Clarity(0.2 M solution in acetonitrile is free from undissolved particulate)	Pass	Pass
Phosphorus NMR Spectra	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager