

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-23 15:20:20  
Date of Next Testing: 2028-08-22 15:20:20  
Product Name: **2'-OMe-dmf-G-CE-Phosphoramidite**  
CAS Number: 128219-77-2  
Specifications & Purity: for DNA synthesis, Suitable for molecular biology,  $\geq 96\%$ (mixture of isomers)  
Lot #: H2518436  
SKU #: **M776856**  
Version: **3**  
Analysis #: **500326**  
Storage Temperature: Protected from light, Store at  $-20^{\circ}\text{C}$ , Argon charged

Parameter	Limit Values	Result
Purity(HPLC)(mixture of isomers)	96-100 (%)	96.45 %
Residual Solvent by GC-HS	0-3 (%)	2.27000 %
Appearance(M776856)	White to off white powder	White to Off White Powder
Phosphorus NMR Spectra	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager