

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-07-19 15:11:27  
Date of Next Testing: 2026-07-18 15:11:27  
Product Name: **N2-Isobutyryl-5'-O-(4,4'-dimethoxytrityl)-2'-deoxyguanosine**  
CAS Number: 68892-41-1  
Specifications & Purity: 99%  
Lot #: I1428022  
SKU #: **I119519**  
**Analysis: 114779**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.34900 %
Specific Rotation [α] <sub>20</sub> /D(c=1 in MeOH)	8-9.5 (°)	8.80°
Water by Karl Fischer	0-1 (%)	0.33 %
Appearance (I119519)	white powder or solid	white powder or solid



John Su  
QA & QC Manager