

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-06-21 11:31:45  
Date of Next Testing: 2028-06-20 11:31:45  
Product Name: **2'-Deoxyguanosine hydrate**  
CAS Number: 961-07-9  
Specifications & Purity: 99%  
Lot #: F2417269  
SKU #: **D100364**  
Version: **1**  
Analysis #: **364163**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.87400 %
Water by Karl Fischer	0-10 (%)	4.50 %
Specific Rotation [α] <sub>20</sub> /D(c=0.2 in 1mol/L NaOH)	-44--40 (°)	-40.39 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (D100364)	white powder	White powder



John Su  
QA & QC Manager