

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-09-14 13:44:39  
Date of Next Testing: 2026-09-13 13:44:39  
Product Name: **2'-Deoxyguanosine hydrate**  
CAS Number: 961-07-9  
Specifications & Purity: 99%  
Lot #: I2207337  
SKU #: **D100364**  
**Analysis: 116542**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.44500%
Water by Karl Fischer	0-10 (%)	4.71%
Specific Rotation [α] <sub>20</sub> /D(c=0.2 in 1mol/L NaOH)	-44--40 (°)	-40.01°
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (D100364)	white powder	White powder



John Su  
QA & QC Manager