

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-16 13:39:54

Date of Next Testing: 2029-07-15 13:39:54

Product Name: **2'-Deoxyguanosine hydrate**

CAS Number: 961-07-9

Specifications & Purity: $\geq 99\%$

Lot #: G2511479

SKU #: **D100364**

Version: **1**

Analysis #: **433274**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.74900 %
Water by Karl Fischer	0-10 (%)	4.89970 %
Specific Rotation $[\alpha]_{20/D}(c=0.2 \text{ in } 1\text{mol/L NaOH})$	-44--40 (°)	-40.21700 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (D100364)	white powder	White powder



John Su
QA & QC Manager