

Certificate of Analysis

Date of Testing: 2025-01-13 11:03:23

Date of Next Testing: 2029-01-12 11:03:23

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

CAS Number: 961-07-9

Specifications & Purity: $\geq 99\%$

Lot #: C2127010

SKU #: **D100364**

Version: **1**

Analysis #: **461433**

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

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.10000 %
Specific Rotation $[\alpha]_{20/D}(c=0.2 \text{ in } 1\text{mol/L NaOH})$	-44--40 (°)	-40.30 °
Water by Karl Fischer	0-10 (%)	5.78 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (D100364)	white powder	White powder



John Su
QA & QC Manager