

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-22 18:54:01

Date of Next Testing: 2026-09-21 18:54:01

Product Name: **Guanosine**

CAS Number: 118-00-3

Specifications & Purity: Moligand™, ≥98%

Lot #: I2220105

SKU #: **G103965**

Version: **0**

Analysis #: **139119**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.50700 %
EmM(at λ Max 252 ~ 253 nm at pH 7.0)	13.2-13.9	13.89000
Specific Rotation [α] ₂₀ /D(c=1 in 1mol/L NaOH)	-80--72 (°)	-78.92900 °
Appearance (G103965)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in Formic Acid/H ₂ O (1/1)	Clear to Slightly Hazy, Yellow to Green-Yellow, 5%	Clear to Slightly Hazy, Yellow to Green-Yellow, 5%



John Su
QA & QC Manager