

Certificate of Analysis

Date of Testing: 2023-02-27 12:12:08

Date of Next Testing: 2027-02-26 12:12:08

Product Name: **Guanosine**

CAS Number: 118-00-3

Specifications & Purity: 98%

Lot #: B2320036

SKU #: **G103965**

Analysis: **192898**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.64400 %
EmM(at λ Max 252 ~ 253 nm at pH 7.0)	13.2-13.9	13.21
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in } 1\text{mol/L NaOH})$	-80--72 (°)	-77.87 °
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