

Certificate of Analysis

Date of Testing: 2021-12-16 12:18:48
Date of Next Testing: 2025-12-15 12:18:48
Product Name: **Guanosine**
CAS Number: 118-00-3
Specifications & Purity: 98%
Lot #: L2109546
SKU #: **G103965**
Analysis: **059153**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.93900 %
EmM(at λ Max 252 ~ 253 nm at pH 7.0)	13.2-13.9	13.89
Specific Rotation $[\alpha]_{20/D}(c=1$ in 1mol/L NaOH)	-80--72 (°)	-79.02 °
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