

Certificate of Analysis

Date of Testing: 2023-07-13 09:41:23

Date of Next Testing: 2027-07-12 09:41:23

Product Name: **Guanosine 5'-monophosphate disodium salt hydrate**

CAS Number: 5550-12-9

Specifications & Purity: $\geq 98\%$

Lot #: G2305142

SKU #: **G112861**

Version: **0**

Analysis #: **083915**

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

Parameter	Limit Values	Result
Water by Karl Fischer	0-18 (%)	16.35 %
EmM(251 - 253 nm,pH 7.0)(dry basis)	13.6-14.4	14.00
Purity(HPLC)	98-100 (%)	98.01900 %
Appearance (G112861)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility,Colorless to faint yellow,clear(50 mg/mL, H2O)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager