

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-02 08:46:18
 Date of Next Testing: 2027-09-01 08:46:18
 Product Name: **Guanosine 5'-monophosphate disodium salt hydrate**
 CAS Number: 5550-12-9
 Specifications & Purity: ≥98%
 Lot #: H2325038
 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 (%)	16.34670 %
EmM(251 - 253 nm,pH 7.0)(dry basis)	13.6-14.4	14.00000
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