

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-01 09:49:42  
Date of Next Testing: 2028-06-30 09:49:42  
Product Name: **Guanosine 5'-monophosphate disodium salt hydrate**  
CAS Number: 5550-12-9  
Specifications & Purity: 98%  
Lot #: F2425360  
SKU #: **G112861**  
Version: **0**  
Analysis #: **339301**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.10000 %
Water by Karl Fischer	0-18 (%)	10.21 %
EmM(251 - 253 nm,pH 7.0)(dry basis)	13.6-14.4	13.65
Appearance (G112861)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility,Colorless to faint yellow,clear(50 mg/mL, H2O)	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager