

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-13 14:38:35
Date of Next Testing: 2030-03-12 14:38:35
Product Name: **Guanosine 5'-monophosphate disodium salt hydrate**
CAS Number: 5550-12-9
Specifications & Purity: $\geq 98\%$
Lot #: F2208382
SKU #: **G112861**
Version: **0**
Analysis #: **669244**
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter | Limit Values | Result |
|-----------------------------------------------------------|----------------------------------------------|----------------------------------------------|
| Purity(HPLC) | 98-100 (%) | 98.01880 % |
| Water by Karl Fischer | 0-18 (%) | 16.34650 % |
| EmM(251 - 253 nm,pH 7.0)(dry basis) | 13.6-14.4 | 13.99800 |
| 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 |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |
| Solubility,Colorless to faint yellow,clear(50 mg/mL, H2O) | pass | Pass |



John Su
QA & QC Manager