

**MP Biomedicals, LLC**29525 Fountain Parkway  
Solon, Ohio 44139Telephone: 440/337-1200  
Toll Free: 800/854-0530

## Certificate of Analysis

**Product Description:** Guanosine-5'-monophosphate Disodium Salt Hexahydrate  
**Catalog Number:** 100702  
**Lot:** SR00252

**Formula:** C<sub>10</sub>H<sub>12</sub>N<sub>5</sub>O<sub>8</sub>PNa<sub>2</sub>·6 H<sub>2</sub>O  
**CAS #:** 5550-12-9  
**Physical Description:** White Powder

**Formula Weight:** 407.2 (anhydrous)  
**Storage:** -20°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥ 98%	100%
FTIR	Conforms to Standard	Conforms to Standard
Loss on Drying	≤25%	18.9%
UV/VIS: λ max (water)	252-254 nm	252.6 nm
OD250/OD260	1.15 ± 0.04	1.14
OD280/OD260	0.68 ± 0.04	0.66

Heavy Metals: ≤0.001%  
Recommended Retest Date: 05/29/2022



12/04/2018 - John Huang, PhD  
MP Biomedicals, LLC.  
Quality Control Manager

This is an electronically generated document  
mailto:biotech@mpbio.com  
http://www.mpbio.com

Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site  
Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)