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## Certificate of Analysis

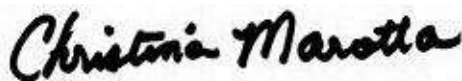
**Product Description:** Guanosine-5'-monophosphate Disodium Salt Hexahydrate  
**Catalog Number:** 100702  
**Lot:** M7845

**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:** -0°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 nm
OD250/OD260	1.15 ± 0.04	1.18
OD280/OD260	0.68 ± 0.04	0.65

Heavy Metals: ≤0.001%



10/15/2013 - Christina Marotta  
MP Biomedicals, LLC.  
Technical Director

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