



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Guanosine-5'-monophosphate Disodium Salt Hexahydrate.

Catalog Number: 100702.

Lot: 8715J.

Formula: C₁₀H₁₂N₅O₈PNa₂·6 H₂O

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%	98.8%
FTIR	Conforms to Standard	Conforms to Standard
Loss on Drying	≤25%	20.7%
UV/VIS: □ max (water)	252 - 254 nm	252.5 nm
OD250/OD260	1.15 ± 0.04	1.15
OD280/OD260	0.68 ± 0.04	0.66

Heavy Metals: max. 0.001%

03/19/2008 - Robert Beattie

MP Biomedicals, LLC.

Technical Director

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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)