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Certificate of Analysis

Product Description: Guanosine-5'-monophosphate Disodium Salt Hexahydrate
Catalog Number: 100702
Lot: SR04977

Formula: C₁₀H₁₂N₅O₈PNa₂·6 H₂O
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 (MM/DD/YYYY): 12/27/2024



12/30/2021 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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