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Certificate of Analysis

Product Description: Inosine-5'-monophosphate Disodium Salt Hydrate
Catalog Number: 102050
Lot: SR01794**Formula:** $C_{10}H_{11}N_4O_8PNa_2 \cdot xH_2O$
CAS #: 4691-65-0
Physical Description: White Powder**Formula Weight:** 392.23 (anhyd.)
Storage: -20°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	$\geq 98\%$	99.0%
FTIR	Conforms to Standard	Conforms to Standard
UV/VIS: λ max OD250/OD260 OD280/OD260	248 ± 2 nm 1.7 ± 0.2 0.3 ± 0.2	248.79 nm 1.69 0.25
Moisture	Report Result	25.4%
Solubility (5% aq soln)	Passes	Passes

pH: 7.8

Impurities:

---Amino acids: Passed test

---Ammonium salts: Passed test

---Arsenic: Conforms to NMT 1 mg/Kg

---Heavy metals: Conforms to NMT 10 mg/Kg

Recommended Retest Date (MM/DD/YYYY): 10/10/2024

A handwritten signature in black ink, appearing to read 'J Huang'.

10/10/2019 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control ManagerThis is an electronically generated document
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