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Certificate of Analysis

Product Description: Inosine-5'-monophosphate Disodium Salt Hydrate**Catalog Number:** 102050**Lot:** 2164J**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:** -0°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	$\geq 98\%$	99.0%
FTIR	Conforms to Standard	Conforms to Standard
UV/VIS: □ max OD250/OD260 OD280/OD260	248 ± 2 nm 1.7 ± 0.2 0.3 ± 0.2	248 ± 2 nm 1.7 ± 0.2 0.3 ± 0.2
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

05/10/2006 - Robert Beattie

MP Biomedicals, LLC.

Technical Director

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