

MP Biomedicals, LLC29525 Fountain Parkway
Solon, Ohio 44139Telephone: 440/337-1200
Toll Free: 800/854-0530Fax: 440/337-1180
web: www.mpbio.com

Certificate of Analysis

Product Description: Inosine-5'-monophosphate Disodium Salt Hydrate
Catalog Number: 102050
Lot: QR15101

Formula: C₁₀H₁₁N₄O₈PNa₂·xH₂O
CAS #: 4691-65-0
Physical Description: White Powder

Formula Weight: 392.23 (anhyd.)
Storage: -20°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥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: 01/24/2020

A handwritten signature in black ink that reads 'John Huang'.

01/26/2018 - John Huang, PhD
 MP Biomedicals, LLC.
 Quality Control Manager

This is an electronically generated document
<mailto:biotech@mpbio.com>
<http://www.mpbio.com>

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)