



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Uric Acid, Free Acid_

Catalog Number: 103215_

Lot: M5376_

Formula: C₅H₄N₄O₃

CAS #: 69-93-2

Physical Description: White Powder

Formula Weight: 168.11

Storage: Room Temperature

Test	Specification	Result
Purity	~99%	99.7% (HPLC) 100.2% (Enzymatic)
FTIR	Conforms to Standard	Conforms to Standard
Loss on Drying	≤0.5%	0.04%
UV/VIS: □ max (water)	230-235, 285-290 nm	231, 285 nm
Residue on Ignition	<0.2%	0.03%

Solubility (1% in 1 N NaOH): Clear and Colorless

Heavy Metals (as Pb): <10 mg/kg

Christina Marotta

11/26/2012 - Christina Marotta

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)