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## Certificate of Analysis

**Product Description:** Uric Acid, Free Acid\_  
**Catalog Number:** 103215\_  
**Lot:** M9885\_

**Formula:** C<sub>5</sub>H<sub>4</sub>N<sub>4</sub>O<sub>3</sub>

**CAS #:** 69-93-2

**Physical Description:** Off-white Powder

**Formula Weight:** 168.11

**Storage:** Room Temperature

Test	Specification	Result
Purity	~99%	99.9%
FTIR	Conforms to Standard	Conforms to Standard
Loss on Drying	≤0.5%	0.10%
UV/VIS: □ max (water)	230-235, 285-290 nm	232.8nm, 286.2nm
Residue on Ignition	<0.2%	0.07%

Solution: Colorless

Turbidity: 1.3 NTU

Enzymatic assay: 100.2%

Heavy metals (as Pb): <10 mg/kg (color reaction with thioacetamide)

*Christina Marotta*

10/14/2014 - 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)