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Certificate of Analysis

Product Description: Uric Acid, Free Acid_

Catalog Number: 103215_

Lot: M8553_

Formula: C₅H₄N₄O₃ Formula Weight: 168.11

CAS #: 69-93-2 Storage: Room Temperature

Physical Description: White Powder

Test	Specification	Result
Purity	~99%	99.9%
FTIR	Conforms to Standard	Conforms to Standard
Loss on Drying	<u><</u> 0.5%	0.01%
UV/VIS:□ max (water)	230-235, 285-290 nm	232 nm,286 nm
Residue on Ignition	<0.2%	0.08%

Solution: Almost colorless

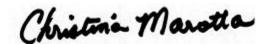
Turbidity: 0.5 NTU

Purity (HPLC): 99.9 area% Enzymatic assay: 100.7%

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

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

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



01/16/2014 - Christina Marotta
MP Biomedicals, LLC.
Technical Director

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