

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: Orotic Acid Monohydrate

Catalog Number: 102508

Lot: MR28995

Formula: $C_5H_4N_2O_4 \cdot H_2O$

CAS #: 50887-69-9

Physical Description: White Powder

Formula Weight: 174.10

Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Standard	Conforms to Standard
Loss on Drying	~10%	4.99%
UV/Vis: □□ max (water)	205 nm (280 nm) ± 5 nm	206.5 nm (278.0 nm)

Purity: 99.4%

Christina Marotta

04/10/2012 - Christina Marotta

MP Biomedicals, LLC.

Technical Director

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<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)