

**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Orotic Acid monohydrate

**Catalog Number:** 102508

**Lot:** 1060C

**Formula:** C<sub>5</sub>H<sub>4</sub>N<sub>2</sub>O<sub>4</sub> · H<sub>2</sub>O

**CAS #:** 50887-69-9

**Physical Description:** off white powder

**Formula Weight:** 174.10

**Storage:** Room Temperature

| Test                       | Specification        | Result        |
|----------------------------|----------------------|---------------|
| Identity Test              | Passes               | <b>Passes</b> |
| FTIR                       | conforms to standard | <b>Passes</b> |
| Loss on drying             | approx. 10%          | <b>9.53%</b>  |
| UV/Vis (lambda max, water) | 282 +/- 3 nm         | <b>279 nm</b> |

Approved - 07/08/99 by Joe Dietz

MP Biomedicals, LLC.

Technical Director

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