

**MP Biomedicals, LLC**

29525 Fountain Parkway  
Solon, Ohio 44139

Telephone: 440/337-1200  
Toll Free: 800/854-0530

Fax: 440/337-1180  
web: [www.mpbio.com](http://www.mpbio.com)

## Certificate of Analysis

**Product Description:** Folic Acid**Catalog Number:** 101725**Lot:** 2171K**Formula:**  $C_{19}H_{19}N_7O_6$ **CAS #:** 59-30-3**Physical Description:** Yellow Powder**Formula Weight:** 441.40**Storage:** Room Temperature, protect from light

Test	Specification	Result
Identity Test	Passes	Passes
Purity	$\geq 95.0\%$	97.9%
FTIR	Conforms to Standard	Conforms to Standard
UV/Vis: $\square$ max	$256 \pm 3$ nm (0.1 N NaOH)	256 nm (0.1 N NaOH)
Loss on Drying	$\leq 8.5\%$	7.9%
Residue on Ignition	$\leq 0.3\%$	0.16%

Chromatographic Purity: #2.0%

Free Amine: #1/6

Identification (Ratio: A256/A365): 2.82

Mesh Size: 200 mesh

E.coli: Negative

Salmonella: Negative

Total Plate Count: #1000 cfu/g

Yeast &amp; Mold: #100 cfu/g

11/07/2008 - Robert Beattie

MP Biomedicals, LLC.

Technical Director

This is an electronically generated document

<mailto:biotech@mpbio.com>

<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)