

**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:** Phenolphthalein U.S.P./N.F.\_  
**Catalog Number:** 102608\_  
**Lot:** 3492B\_

**Formula:** C<sub>20</sub>H<sub>14</sub>O<sub>4</sub>

**CAS #:** 77-09-8

**Physical Description:** White Powder

**Formula Weight:** 318.33

**Storage:** Room Temperature

Test	Specification	Result
Assay	≥98%	99.08%
Color of Solution	Passes	Passes
Identification	Passes	Passes
Melting Temperature	≥258°C	258-263°C
Loss on Drying	≤1.0%	0.05%
Residue on Ignition	≤0.1%	0.02%
Heavy Metals	≤0.0015%	0.001%
Limit of Fluoran	Passes	Passes
Chromatographic Purity	Passes	<1.0%
Organic Volatile Impurities	Passes	Passes

Approved - 01/29/99 by Joe Dietz

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)