

**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:** n-Butanol, molecular biology reagent

**Catalog Number:** 194001

**Lot:** 3000K

**Formula:** C<sub>4</sub>H<sub>10</sub>O

**CAS #:** 71-36-3

**Physical Description:** Clear, Colorless Liquid

**Formula Weight:** 74.12

**Storage:** Room Temperature, store under nitrogen

| Test          | Specification        | Result               |
|---------------|----------------------|----------------------|
| Identity Test | Passes               | Passes               |
| Purity        | ≥99%                 | 99.8%                |
| FTIR          | Conforms to Standard | Conforms to Standard |

Butyl Ether: <0.1%

Carbonyl Compounds(as Butaraldehyde): 0.01%

Color: 5

Residue after Evaporation: <0.001%

Titration Acid: 0.0001 meq/g

Water: 0.01%

02/05/2009 - Robert Beattie

MP Biomedicals, LLC.

Technical Director

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<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)