

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: n-Butanol, molecular biology reagent.

Catalog Number: 194001.

Lot: 2437J.

Formula: C₄H₁₀O

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%	99.92%
FTIR	Conforms to Standard	Conforms to Standard

Acidity: 0.0008%

Butyraldehydes: 0.0000%

Color: 2.6

Isobutanol: 0.0588%

N-Butyl Ether: 0.0035%

Specific Gravity: 0.8110

Water: 0.0060%

06/08/2006 - Robert Beattie

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)