

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

Certificate of Analysis

Product Description: 1,4-Butanediol, Certified Grade_
Catalog Number: 300023_
Lot: S0290_

Formula: HO(CH₂)₄OH

CAS #: 110-63-4

Physical Description: Clear, Colorless Liquid

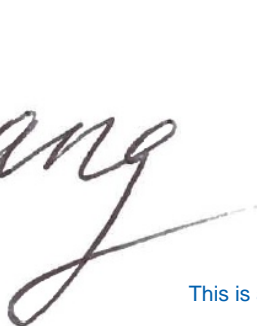
Formula Weight: 90.12

Storage: 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes
Assay	≥99.0%	99.7% (GC-FID)
Color (APHA)	≤10	<5
Water	≤0.1%	0.01% (KF)

Recommended Retest Date: 01/31/2023

11/01/2018 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager



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)