



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: Bromophenol Blue_
Catalog Number: 805732; 805734_
Lot: QR13121_

Formula: C₁₉H₁₀Br₄O₅S

CAS #: 115-39-9

Physical Description: Fine Peach Powder

Formula Weight: 669.96

Storage: 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes
UV/Vis: □ max (water)	592 ± 4 nm (pH 7), 437 ± 3 nm (pH 3)	590.9 nm (pH 7), 438.8 nm (pH 3)
Visual Transition Interval	Yellow (pH3.0) to Purple (pH4.6)	Yellow (pH3.0) to Purple (pH4.6)

Loss on Drying (110°C, 1 hour): 0.82%

Clarity of Solution: Passes

Absorptivity 1%/1 cm

(pH 3.0) at Lambda max 437 nm: 375

(pH 4.6) at Lambda max 591 nm: 973

Recommended Retest Date: 04/10/2018

12/23/2016 - 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)