



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:** SR02786\_

**Formula:** C<sub>19</sub>H<sub>10</sub>Br<sub>4</sub>O<sub>5</sub>S

**CAS #:** 115-39-9

**Physical Description:** 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)	588.3 nm 437.8 nm
Visual Transition Interval	Yellow (pH3.0) to Purple (pH4.6)	Yellow (pH 3.0) to Purple (pH 4.6)

Loss on drying (110°C for 1 hour): 0.85%

Clarity of solution: Passes

Absorptivity (1%/1cm)

- pH 3.0 @ Lambda max 437 nm: 361

- pH 4.6 @ Lambda max 591 nm: 983

Recommended Retest Date (MM/DD/YYYY): 02/28/2023

06/02/2020 - John Huang, PhD

MP Biomedicals, LLC.

Quality Control Manager

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<mailto:biotech@mpbio.com>

<http://www.mpbio.com>

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Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)