



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Bromophenol Blue\_  
**Catalog Number:** 805732; 805734\_  
**Lot:** QR13796\_

**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)	590.8 nm (pH 7), 437.8 nm (pH 3)
Visual Transition Interval	Yellow (pH3.0) to Purple (pH4.6)	From Yellow (pH 3.0) To Purple (pH 4.6)

Loss on Drying (110°C, 1 hour): 0.94%  
Clarity of Solution: Passes  
Absorptivity 1%/1 cm  
(pH 3.0) at Lambda max 437 nm: 360  
(pH 4.6) at Lambda max 591 nm: 981  
Recommended Retest date: 12/31/2019

04/13/2017 - John Huang, PhD  
MP Biomedicals, LLC.  
Quality Control Manager

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