

**MP Biomedicals, LLC**29525 Fountain Parkway  
Solon, Ohio 44139Telephone: 440/337-1200  
Toll Free: 800/854-0530

## Certificate of Analysis

**Product Description:** Bromophenol Blue Sultone Form  
**Catalog Number:** 101123  
**Lot:** S4218

**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
Visual Transition Interval	Yellow (pH 3.0) to Purple (pH 4.6)	From 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



05/28/2020 - 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)