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Certificate of Analysis

Product Description: Bromophenol Blue_
Catalog Number: 805732; 805734_
Lot: QR15078_

Formula: C₁₉H₁₀Br₄O₅S

CAS #: 115-39-9

Physical Description: Peach to Orange 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)	592.7 nm. 436.0 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, 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: 02/05/2020

01/23/2018 - John Huang, PhD

MP Biomedicals, LLC.

Quality Control Manager

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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)