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Certificate of Analysis

Product Description: Bromophenol Blue_
Catalog Number: 805732; 805734_
Lot: QR15277_

Formula: C ₁₉ H ₁₀ Br ₄ O ₅ S CAS #: 115-39-9 Physical Description: Pink to Orange Powder	Formula Weight: 669.96 Storage: 15 - 30°C
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Test	Specification	Result
Identity Test	Passes	Passes
UV/Vis: □ max (water)	592 ± 4 nm (pH 7), 437 ± 3 nm (pH 3)	590.93 nm 436.90 nm
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: 378
(pH 4.6) at Lambda max 591 nm: 983
Recommended Retest date: 06/30/2021

John Huang
03/13/2018 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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