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Certificate of Analysis

Product Description: Bromocresol Purple Sodium Salt
Catalog Number: 150518
Lot: SR02853**Formula:** $C_{21}H_{15}Br_2O_5Na$
CAS #: 62625-30-3
Physical Description: Dark Orange Powder**Formula Weight:** 562.22
Storage: 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes

Visual transition interval: From pH 5.2 (yellow) to pH 6.8 (purple)

Solubility 0.1% (water): Clear reddish yellow solution

Loss on drying @ 110°C (1 hr): 1.74%

UV: Lambda max (H₂O)= 431.1nm, 588.7nm

UV: Lambda max (0.1N NaOH)= 304.4nm, 588.6nm

Absorptivity 1%, 1cm:

- (pH 5.2) @ lambda max 430nm: 414

- (pH 6.8) @ lambda max 589nm: 1032

Recommended Retest Date (MM/DD/YYYY): 06/16/2024



06/18/2020 - John Huang, PhD

MP Biomedicals, LLC.

Quality Control Manager

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