

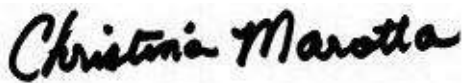
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Certificate of Analysis

Product Description: Methyl Red, ACS
Catalog Number: 152545
Lot: M9254**Formula:** $C_{15}H_{15}N_3O_2$
CAS #: 493-52-7
Physical Description: Powder**Formula Weight:** 269.30
Storage: Room Temperature

Test	Specification	Result
Melting Point	179-182°C	180.5°C
Clarity of Alcohol Solution	Passes Test	Passes Test
Visual Transition Interval	From pH 4.2 (pink) To 6.2 (yellow)	From pH 4.2 (pink) To 6.2 (yellow)

Loss on drying (110°C/1 hr): 1.23%
Absorptivity 1%/1 cm:
-- (pH 6.2) @ Lambda max. 430 nm: 757
-- (pH 4.2) @ Lambda max. 527 nm: 1364



06/17/2014 - Christina Marotta
MP Biomedicals, LLC.
Technical Director

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