

Certificate of Analysis

m-Cresol Purple TS, 0.1% (w/v)

Lot Number: 4404H52

Product Number: 2405

Manufacture Date: APR 15, 2024

Expiration Date: APR 2026

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
m-Cresol Purple, Sodium Salt	62625-31-4	Indicator

Test	Specification	Result	NIST SRM#
Appearance	Reddish-orange	Passed	
pH at 25°C (Method: SQCP027, SQCP033)	6.85-7.05	7.04	186-I-g, 186-II-g, 191d
Suitability for Use	Purple (pH > 9.0) - Yellow (pH 2.8 to pH 7.4) - Red (pH < 1.2)	Passed	

Specification	Reference
Metacresol purple indicator solution, pH 8.3 indicator	APHA (2320 B)
m-Cresol Purple TS	USP (N/A)

Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSIR 74-461. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with a thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
2405-16	500 mL natural poly	24 months
2405-4	120 mL natural poly	24 months

Recommended Storage: 15°C - 30°C (59°F - 86°F)



Paul Brandon (04/15/2024)

Production Manager

This document is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."

This test report shall not be reproduced, except in full, without the written approval of Ricca Chemical Company.