



## CERTIFICATE OF ANALYSIS

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Product	m-Cresol purple
Grade	Indicator
Product Code	CB0330
Formula	$C_{21}H_{18}O_5S$
MW	382.43
CAS#	2303-01-7
Lot No	

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Test Items	Specifications	Results
Appearance	Dark Green to Olive Green Powder	
Identification (IR)	Conforms to standard	
Visual Transition Intervals	pH1.2(red)~pH2.8(yellow) pH7.4(yellow)~pH9.0(purple)	
Loss on drying	≤1.5%	
Assay	≥90%	
Lambda Max	579(371)nm in 0.005N Sodium Hydroxide in Methanol	
Solubility (0.1% in 50% Methanol)	Clear. Very slightly soluble in water and ethanol, and soluble in methanol and acetic acid.	

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Storage: R.T.