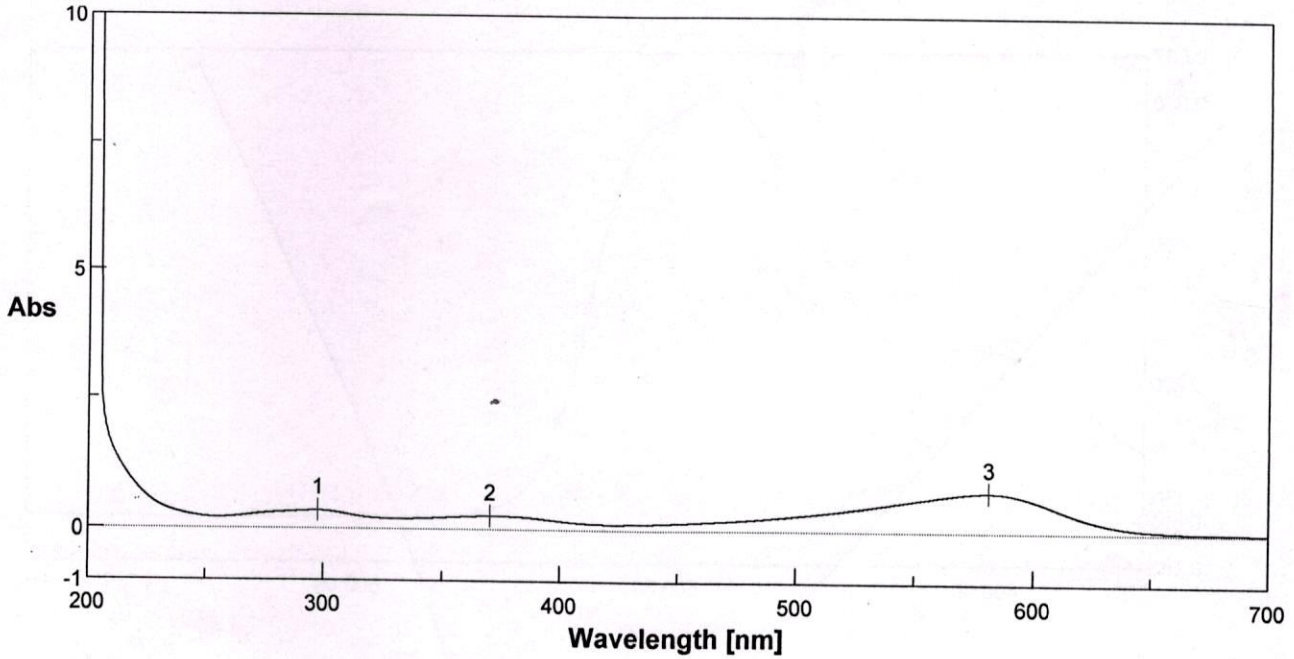


Product Name :- m – CRESOL PURPLE , c = 10mg/Lt
 Analyst :- U S Matre
 Department :- Analytical
 Organisation :- ESJAY CHEMICALS



Results of Peak Find		
No.	Position	Intensity
1	297.6	0.317859
2	370	0.233166
3	581	0.733077

CERTIFICATE OF ANALYSIS

PRODUCT : m – CRESOL PURPLE
 CAS NO. : 2303-01-7
 FORMULA Wt. : 382.43g/mole

TYPICAL COA

<u>Tests</u>	<u>Results</u>	<u>Specification</u>
1. Appearance	- Brownish red to green powder	(Reddish brown to Brownish green powder)
2. Transition Range	- pH 1.2-2.8 (Red/pink – Yellow) - pH 7.4- 9.0 (Yellow- Purple)	(Passes test)
3. Solubility 0.1% (0.005N NaOH in methanol) -	Clear Solution	(Passes test)
4. Extinction coefficient , at 581nm	- 28032	(≥ 26000)
5. Extinction coefficient , at 370nm	- 8910	(≥ 8000)
6. Extinction coefficient , at 297.6nm	- 12123	(≥ 11000)
7. Dye content by Spectrophotometry	- 97 %	(>90%)
8. Loss On Drying at 110°C(1hr.)	- 0.82%	(< 3%)

Mfg.Date: JAN - 2024
 Exp.Date: DEC - 2029

ESJAY Chemicals

U S Matre
 Analytical Dept

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