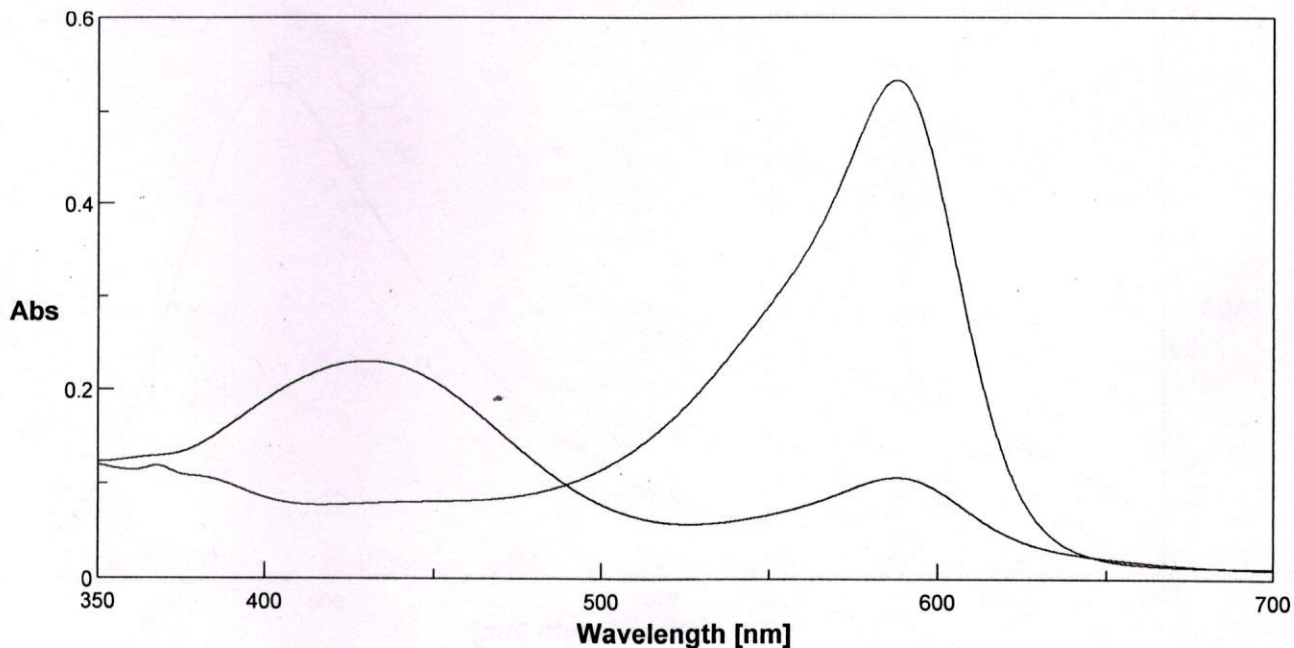


Product Name :- BROMOCRESOL PURPLE , c = 5mg/Lt

Analyst :- U S Matre

Department :- Analytical

Organisation :- ESJAY CHEMICALS



### CERTIFICATE OF ANALYSIS

PRODUCT : BROMOCRESOL PURPLE  
C.A.S. NO. : 115 - 40 - 2

#### TYPICAL COA

<u>Tests</u>	<u>Results</u>	<u>Specification</u>
1. Appearance	- Light pink powder	(Grey to light purple or pink to yellow tan pd)
2. Transition range	- pH 5.2 - 6.8	
3. Solubility 0.1% (Ethanol)	- Greenish yellow - Bluish violet	(Passes test)
4. Absorptivity 1%/ 1cm,	- Clear solution	(Passes test)
(pH 6.8, at $\lambda$ max. 589.6 nm)	- 1067	(1000 - 1100)
(pH 5.2, at $\lambda$ max. 431.2nm)	- 436	(400 - 450)
5. Dye content by Spectrophotometry	- 97%	(> 95%)
6. Loss on drying at 110°C (1hr)	- 0.68 %	(< 1%)

Mfg.Date : JAN - 2023

Exp.Date : DEC - 2028

ESJAY Chemicals

*U S Matre*  
Analytical Dept

01143