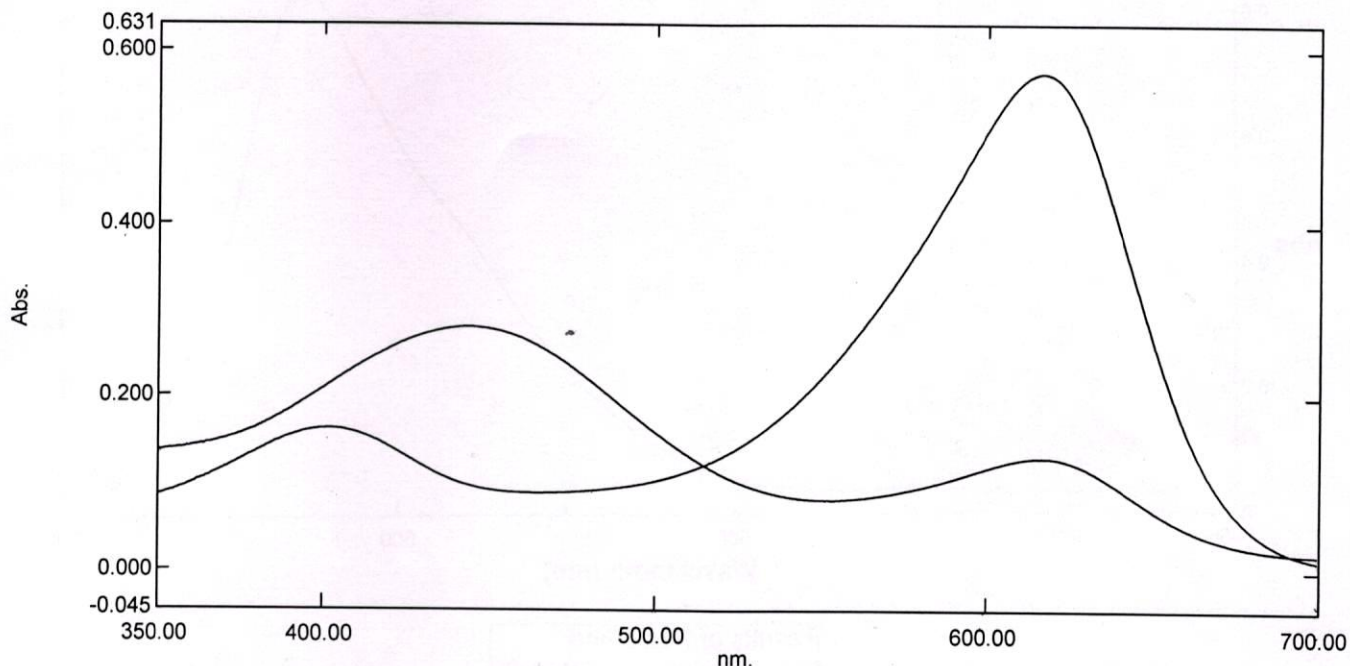


Product Name : BROMOCRESOL GREEN , c= 10mg/Lt
Analyst: U.S.Matre
Department: Analytical
Organisation: ESJAY CHEMICALS



CERTIFICATE OF ANALYSIS

PRODUCT : BROMOCRESOL GREEN
3',3'',5'5''- tetrabromo-m-cresolsulfonephthalein
C.A.S. NO. : 76 - 60 - 8

TYPICAL COA

<u>Tests</u>	<u>Results</u>	<u>Specification</u>
1. Appearance	- Tan powder	(Creme to Tan powder in shades of pink, yellow and buff)
2. Transition range	- pH 3.8 – 5.4 Greenish yellow – Blue	(Passes test)
3. Solubility 0.1% (Ethanol)	- Clear solution	(Passes as per ACS)
4. Absorptivity 1%/ 1cm, (pH 5.4, at λ max. 616.2nm)	- 554	(530 – 570)
(pH 3.8, at λ max. 441.6nm)	- 262	(240 – 270)
5. Dye content by Spectrophotometry	- 97.2%	(> 95%)
6. Loss on drying at 110°C (1hr)	- 1.79%	(< 3%)

Mfg.Date : MAY - 2023
Exp.Date : APRIL - 2029

ESJAY Chemicals

U.S. Matre
Analytical Dept