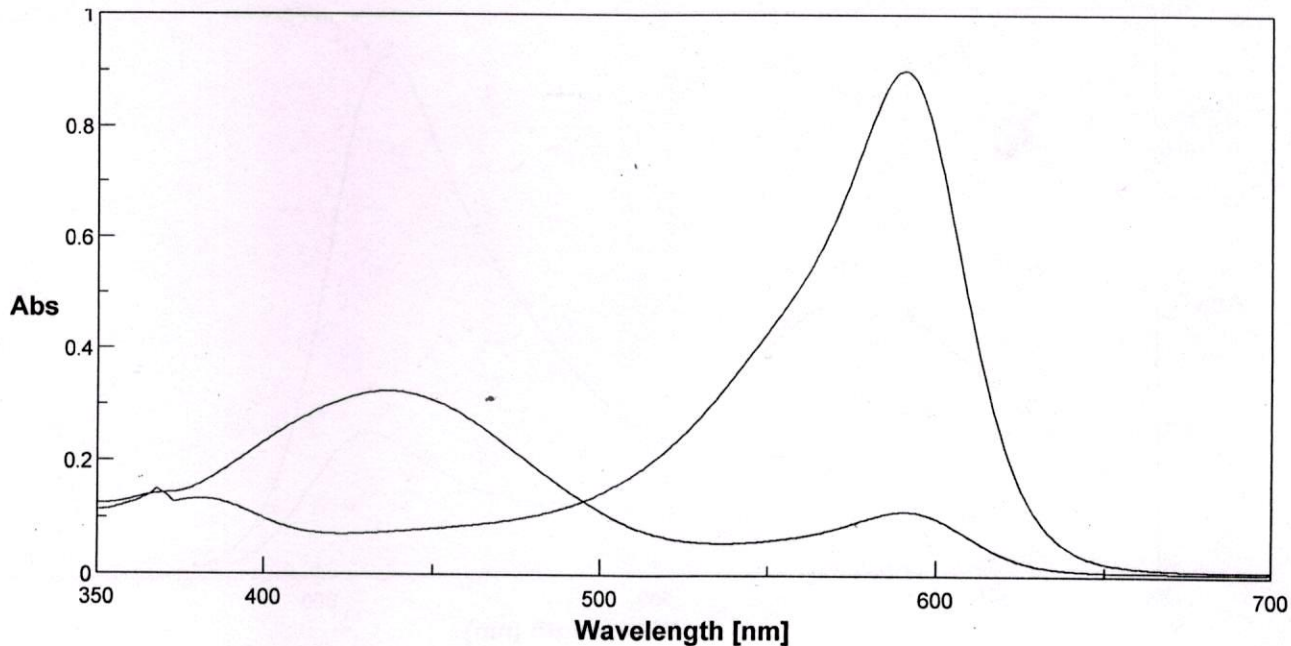


Product Name :- BROMO PHENOL BLUE SODIUM SALT , c = 10mg/Lt
Analyst :- U S Matre
Department :- Analytical
Organisation :- ESJAY CHEMICALS



CERTIFICATE OF ANALYSIS

PRODUCT : BROMO PHENOL BLUE SODIUM SALT
C.A.S. NO. : 34725-61-6

TYPICAL COA

<u>Tests</u>	<u>Results</u>	<u>Specification</u>
1. Appearance	- Green powder	(Orange to dark green to black pd)
2. Transition range	- pH 3.0 - pH 4.6 Greenish yellow - Blue violet	(Passes test)
3. Solubility 0.1% (dist. water)	- Clear solution	(Clear solution with only faint turbidity or insoluble matter)
4. Absorptivity 1%/ 1cm, (pH 4.6, at λ max.591.4 nm,on dried substance) - 914 (pH 3.0, at λ max.437.2 nm,on dried substance) - 327		(880 – 950) (320 – 370)
5. Dye content by Spectrophotometry	- 96.2%	(> 90%)
6. Loss on drying at 110°C (1hr)	- 1.2%	(< 5%)

Mfg.Date : OCT - 2022
Exp.Date : SEPT - 2028

ESJAY Chemicals

U S Matre
Analytical Dept

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