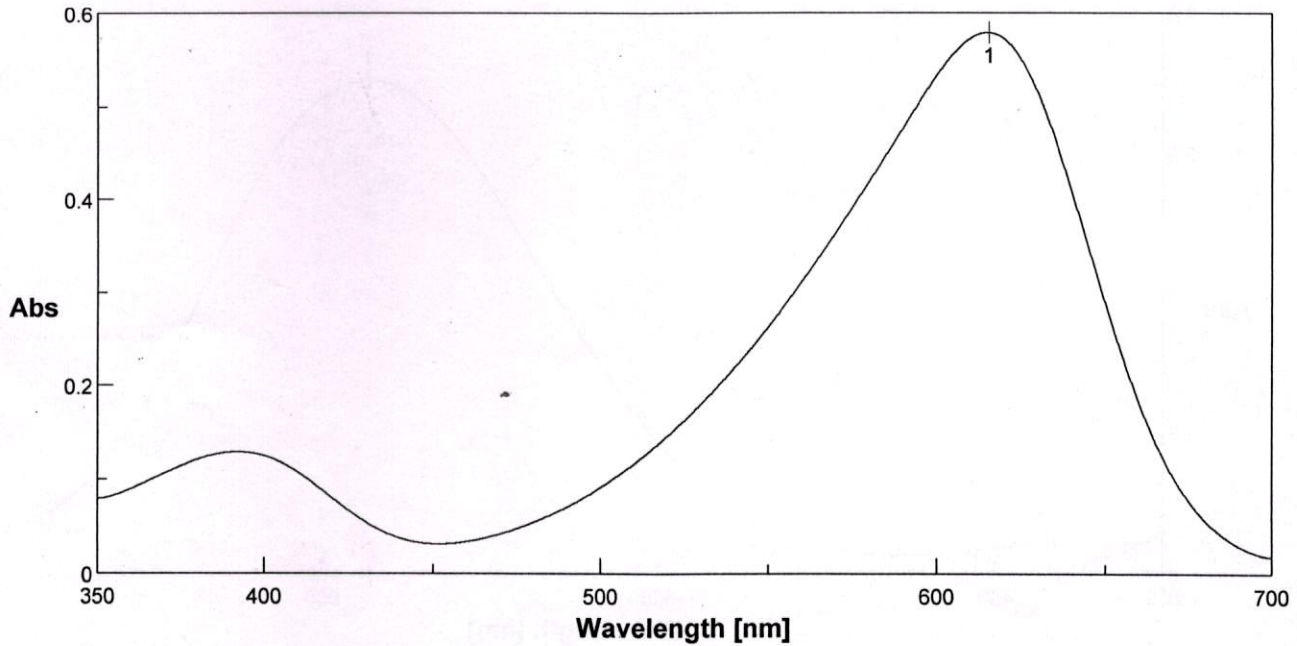


Product Name :- BROMOTHYMOL BLUE SODIUM SALT (ACS) , c = 10mg/Lt

Analyst :- U S Matre

Department :- Analytical

Organisation :- ESJAY CHEMICALS



Results of Peak Find		
No.	Position	Intensity
1	615.4	0.578623

### CERTIFICATE OF ANALYSIS

PRODUCT : BROMOTHYMOL BLUE SODIUM SALT (ACS)  
C.A.S. NO. : 34722 - 90 - 2

### TYPICAL COA

<u>Tests</u>	<u>Results</u>	<u>Specification</u>
1. Appearance	- Green powder	(Passes test)
2. Solubility 0.1% (dist. water)	- Clear solution	(Passes test)
3. Transition range	- pH 5.8 - pH 7.6 Yellow - Blue	(Passes test)
4. Absorption maximum (in 0.1 N NaOH)	- 615.4nm	(614-618 nm)
5. Absorptivity (A1%/1cm,( in 0.1 N NaOH )	- 578	(> 540)
6. Dye content by Spectrophotometry	- 96.3 %	(> 90%)
7. Loss on drying at 110°C (1hr)	- 2.58 %	(< 5%)

Mfg.Date : JUNE - 2023

Exp.Date : MAY - 2029

ESJAY Chemicals

*U S Matre*  
Analytical Dept