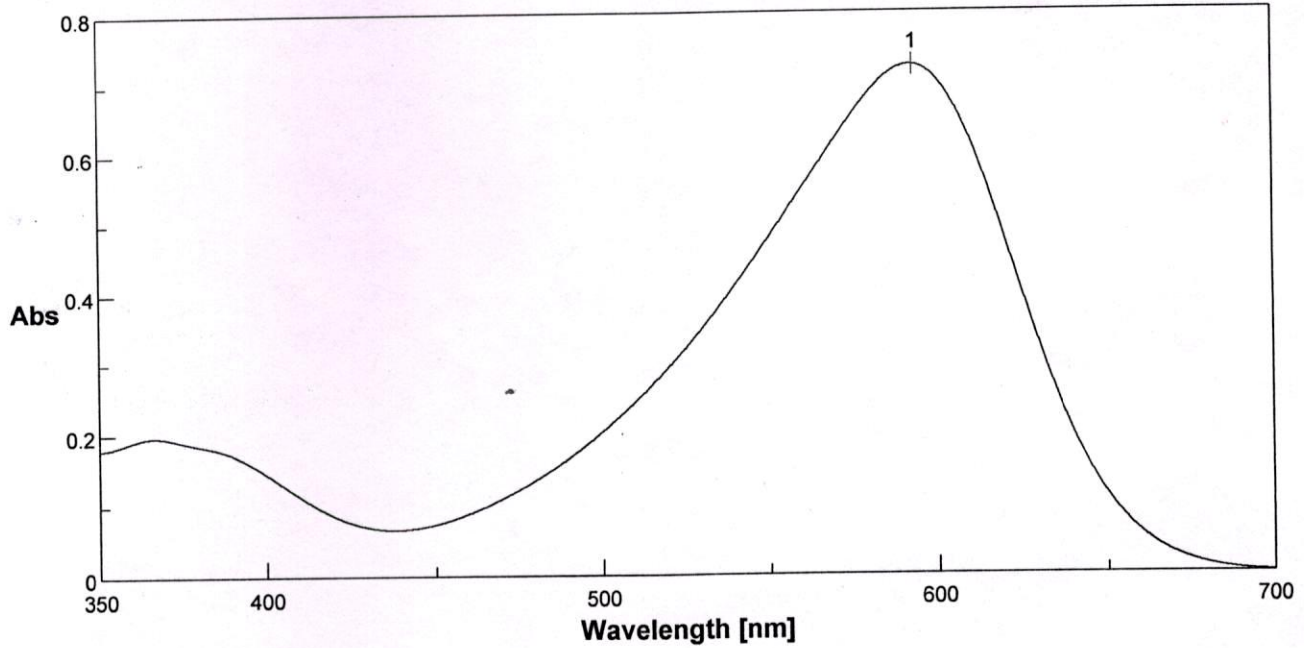


Product Name :- p-XYLENOL BLUE , c = 10mg/Lt  
 Analyst :- U S Matre  
 Department :- Analytical  
 Organisation :- ESJAY CHEMICALS



Results of Peak Find		
No.	Position	Intensity
1	593	0.723562

### CERTIFICATE OF ANALYSIS

PRODUCT : p-XYLENOL BLUE  
 C.A.S. NO. : 125-31-5

### TYPICAL COA

<u>Tests</u>	<u>Results</u>	<u>Specification</u>
1. Appearance	- Dark brown pd	(Red brown to dark brown pd)
2. Transition Range	- pH 1.2 – 2.8 Red or pink – yellow - pH 8.0 – 9.6 Yellow to yellow green – Blue	(passes test) (passes test)
3. Solubility 0.1%(95% Methanol)	- Clear solution	(passes test)
4. Absorption maximum (in methanol) $\lambda$ max	- 425.6 nm	(419-429 nm)
5. Absorption maximum (0.1 N NaOH) $\lambda$ max	- 593 nm	(591-599 nm)
6. Absorptivity 1%/1cm,in(0.1N NaOH)	- 723	(>700)
7. Dye content by Spectrophotometry	- 98.1%	(> 95%)
8. Loss On Drying at 110°C (1hr)	- 1.42%	(< 2%)

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

ESJAY Chemicals  
*U S Matre*  
 Analytical Dept