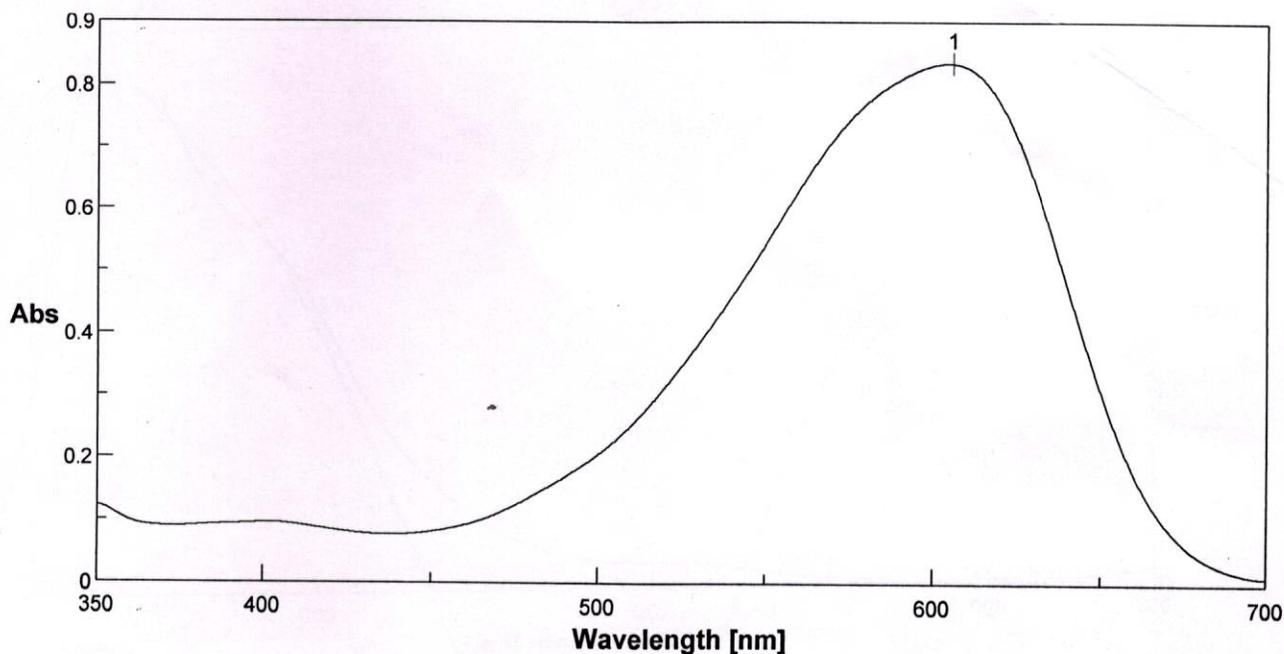


Product Name :- EVAN'S BLUE, c = 10mg/Lt  
Analyst :- U S Matre  
Department :- Analytical  
Organisation :- ESJAY CHEMICALS



Results of Peak Find		
No.	Position	Intensity
1	605.6	0.833783

### CERTIFICATE OF ANALYSIS

PRODUCT : EVAN'S BLUE  
C.A.S. NO. : 314 - 13 - 6  
C.I.NO. : 23860

### TYPICAL COA

<u>Tests</u>	<u>Results</u>	<u>Specification</u>
1. Appearance	- Dark brownish black powder	(Passes test)
2. Solubility 0.1% (dist. water)	- Clear blue solution	(Passes test)
3. Absorption maximum(dist. water) $\lambda_{max}$	- 605.6 nm	(605-611nm)
4. Absorptivity 1%/1cm, in dist. water	- 833	(> 800)
5. Dye content (by spectrophotometry)	- 88.5%	(> 85%)
6. Loss on drying (110°C) (1hr)	- 6.14%	(< 10 %)

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

ESJAY Chemicals

*U S Matre*  
Analytical Dept

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