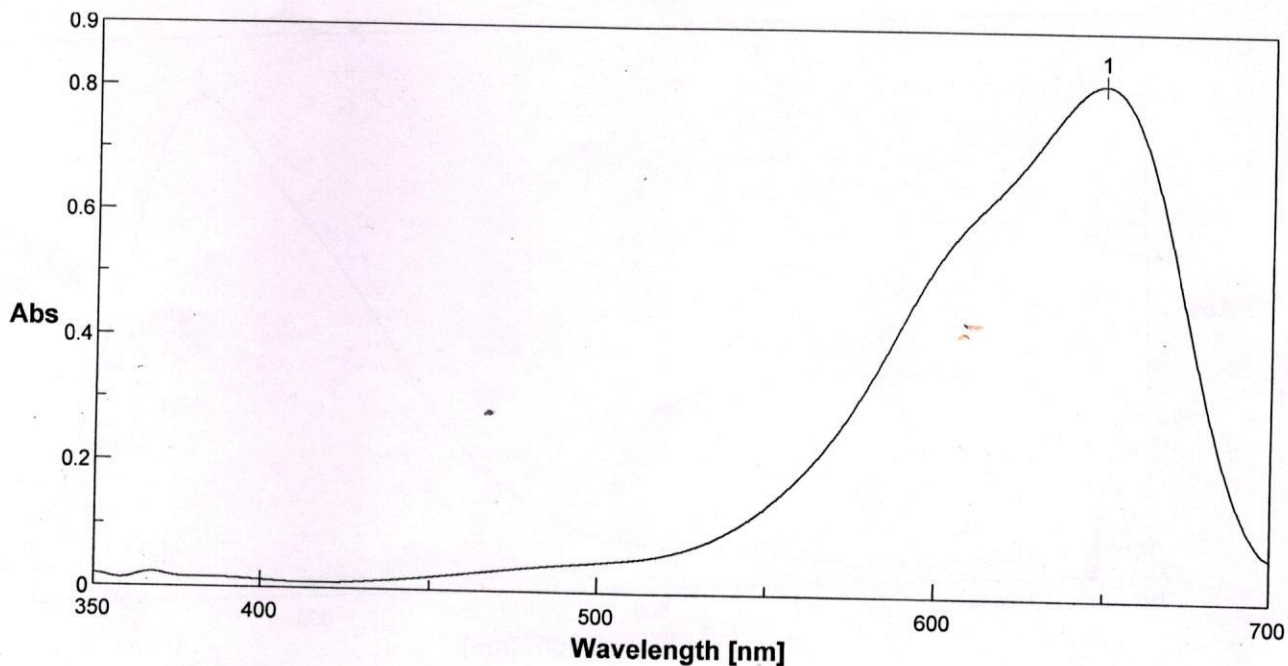


Product Name :- AZUR I (B), c = 5mg/Lt
 Analyst :- U S Matre
 Department :- Analytical
 Organisation :- ESJAY CHEMICALS



Results of Peak Find		
No.	Position	Intensity
1	649.4	0.816714

CERTIFICATE OF ANALYSIS

PRODUCT : AZUR I (B)
 C.A.S.NO. : 531 – 55 – 5
 C.I.NO. : 52010
 MOLECULAR WEIGHT : 305.83gm/mole
 MOLECULAR FORMULA : C₁₅H₁₆ClN₃S

TYPICAL COA

<u>Tests</u>	<u>Results</u>	<u>Specification</u>
1. Appearance	- Dark Brown powder	(Passes test)
2. Solubility 0.1% (dist. Water)	- Clear blue solution	(Passes test)
3. Absorption maximum(dist. water)	- 649.4 nm	(645-650nm)
4. Absorptivity 1%/ 1cm,(dist.water)	- 1632	(>1600)
5. Dye content (by spectrophotometry)	- 81.6 %	(> 80%)
6. Loss on drying (110°C) (1hr)	- 3.85%	(< 5%)

Mfg.Date : FEB - 2023
 Exp.Date : JAN - 2029

ESJAY Chemicals

U S Matre
 Analytical Dept

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