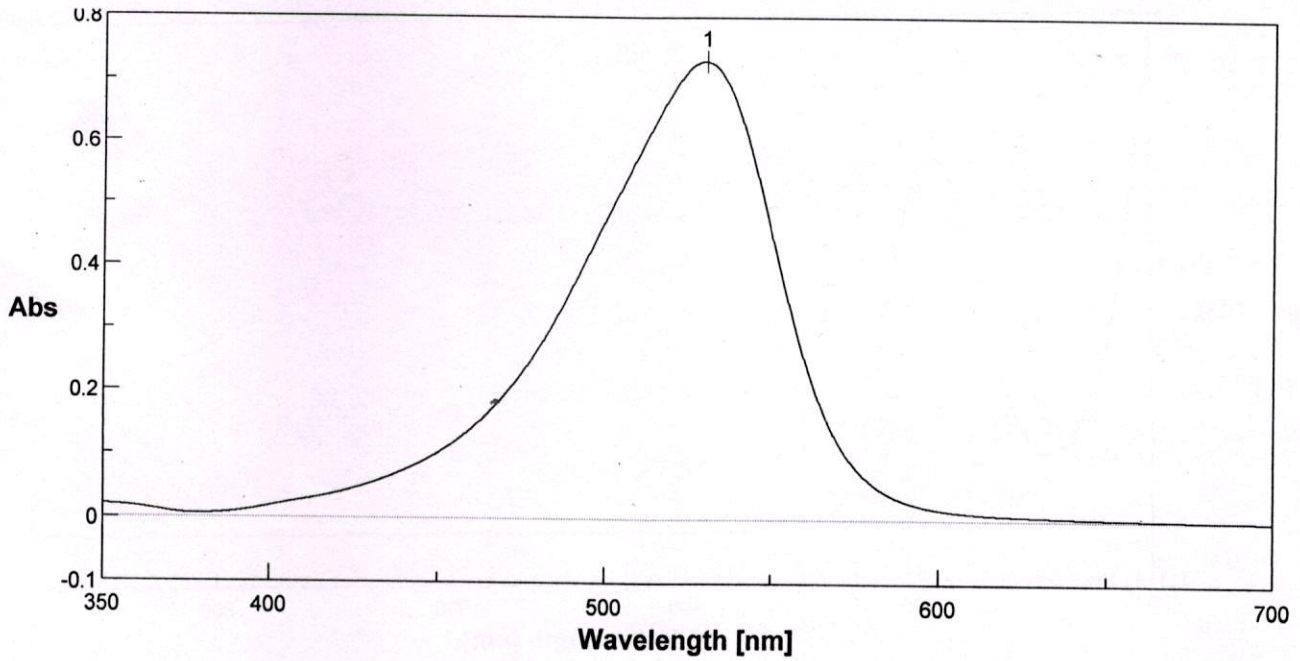


Product Name :- SAFRANINE O , c = 5mg/Lt
Analyst :- U S Matre
Department :- Analytical
Organisation :- ESJAY CHEMICALS



Results of Peak Find		
No.	Position	Intensity
1	530.2	0.729823

CERTIFICATE OF ANALYSIS

PRODUCT : SAFRANINE O
C.A.S. NO. : 477 - 73 - 6
C.I.NO. : 50240

TYPICAL COA

<u>Tests</u>	<u>Results</u>	<u>Specification</u>
1. Appearance	- Dark green crystalline powder	(Passes test)
2. Solubility 0.1% (50% Ethanol)	- Clear orange red solution with fluorescence	(Passes test)
3. Absorption maximum(50% Ethanol)	- 530.2 nm	(530-534nm)
4. Absorptivity 1%/1cm,(50% Ethanol)	- 1458	(> 1260)
5. Dye content (by spectrophotometry)	- 92.5%	(> 80%)
6. Loss on drying at 110°C (1hr)	- 2.47 %	(<15%)

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

ESJAY Chemicals

U S Matre
Analytical Dept.