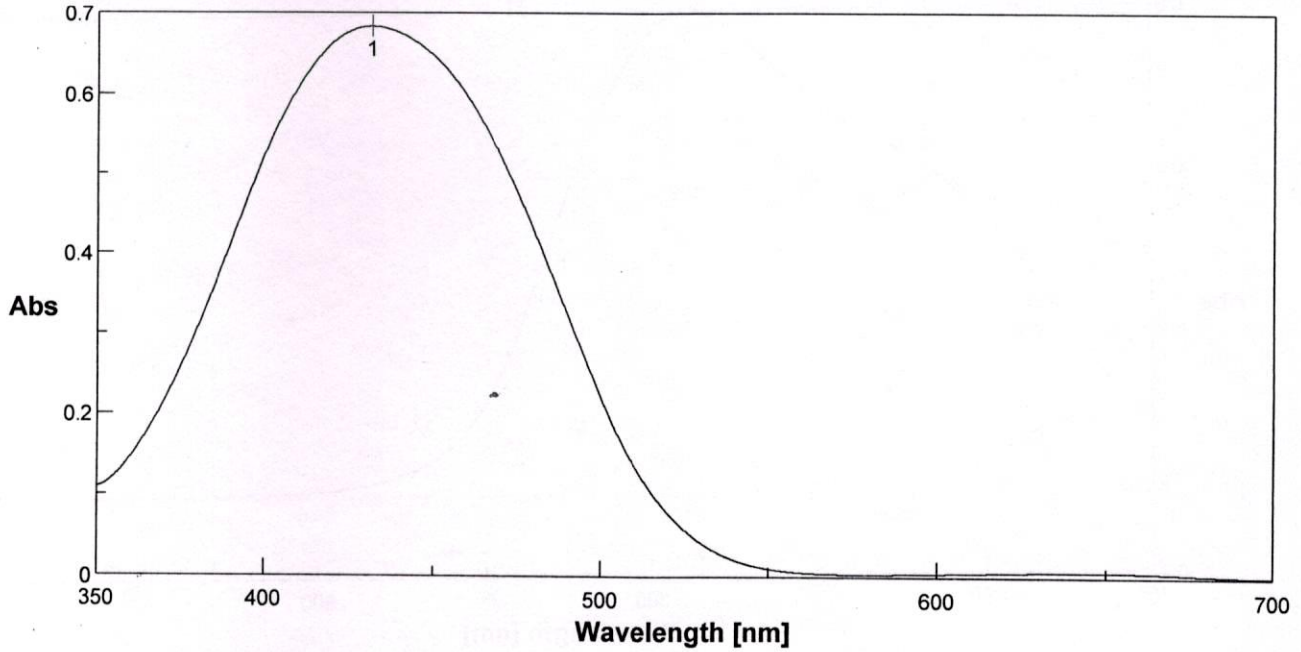


Product Name :- TROPAEOLIN OO (ORANGE IV), c = 10mg/Lt  
 Analyst :- U S Matre  
 Department :- Analytical  
 Organisation :- ESJAY CHEMICALS



Results of Peak Find		
No.	Position	Intensity
1	431.6	0.682837

**CERTIFICATE OF ANALYSIS**

PRODUCT : TROPAEOLIN OO (ORANGE IV)  
 C.A.S. NO. : 554 – 73 – 4  
 C.I. NO. : 13080

**TYPICAL COA**

<u>Tests</u>	<u>Results</u>	<u>Specification</u>
1. Appearance	- Yellowish orange powder	(Yellow to Orange to brown to dark brown pd)
2. Solubility 0.1% (50% Ethanol)	- Clear solution	(Almost clear solution with Faint trace of turbidity)
3. Transition Range	- pH 1.2 – 2.7 Red – Yellow	(Passes test)
4. Absorption maximum(in 50% Ethanol)	- 431.6nm	(428- 434 nm)
5. Absorptivity 1%/ 1cm,(in 50% Ethanol)	- 682	(> 600)
6. Loss on drying at 110°C (1hr)	- 3.44%	(< 5%)

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

ESJAY Chemicals  
*U S Matre*  
 Analytical Dept