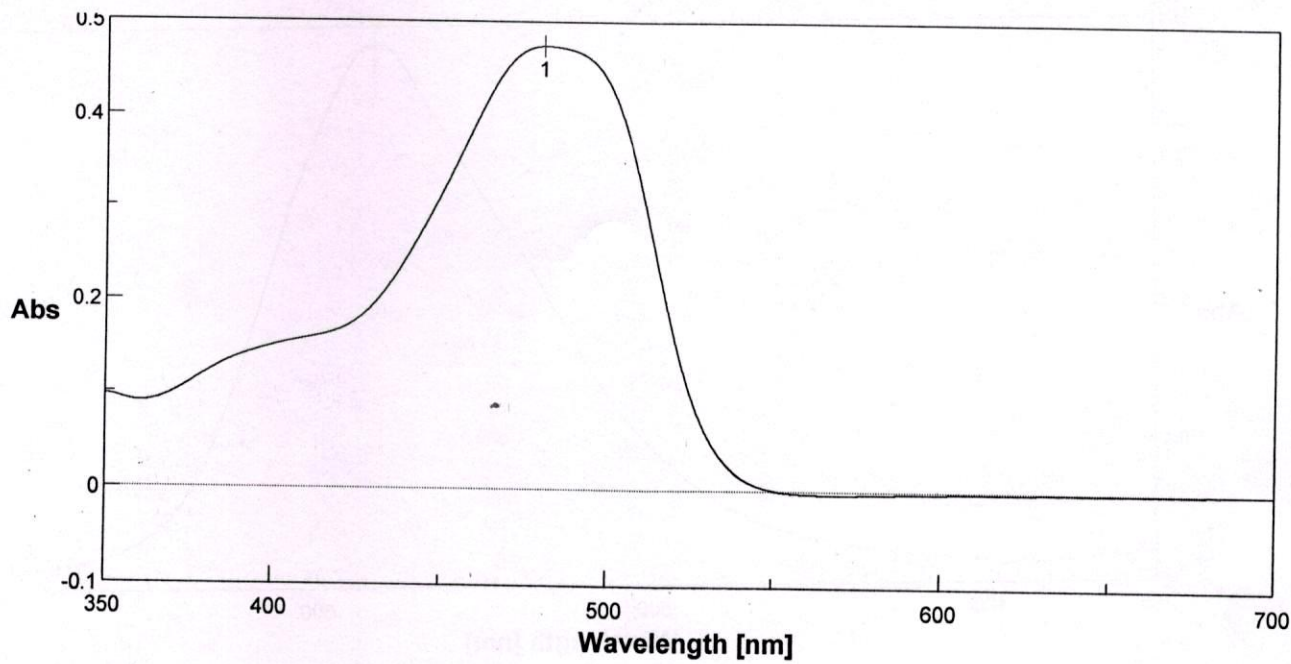


Product Name :-ORANGE G (Acid Orange 10) , c = 10mg/Lt
Analyst :- U S Matre
Department :- Analytical
Organisation :- ESJAY CHEMICALS



Results of Peak Find		
No.	Position	Intensity
1	480.4	0.473806

CERTIFICATE OF ANALYSIS

PRODUCT : ORANGE G (Acid Orange 10)
 C.A.S. NO. : 1936 - 15 - 8
 C.I. NO. : 16230

TYPICAL COA

<u>Tests</u>	<u>Results</u>	<u>Specification</u>
1. Appearance	- Orange powder	(Orange to dark orange to Orange red powder)
2. Solubility 0.1% (dist. water)	- Clear orange solution	(Passes test)
3. Absorption maximum (in water)	- 480.4 nm	(476-481nm)
4. Absorptivity 1%/ 1cm,(in water)	- 473	(> 440)
5. Peak ratio	- 0.93	(0.88 - 0.95)
6. Dye content by Spectrophotometry	- 96.7%	(> 90%)
7. Loss on drying at 110°C (1hr)	- 5.64 %	(< 10%)

Mfg.Date: NOV - 2023
Exp.Date : OCT - 2029

ESJAY Chemicals
U S Matre
 Analytical Dept