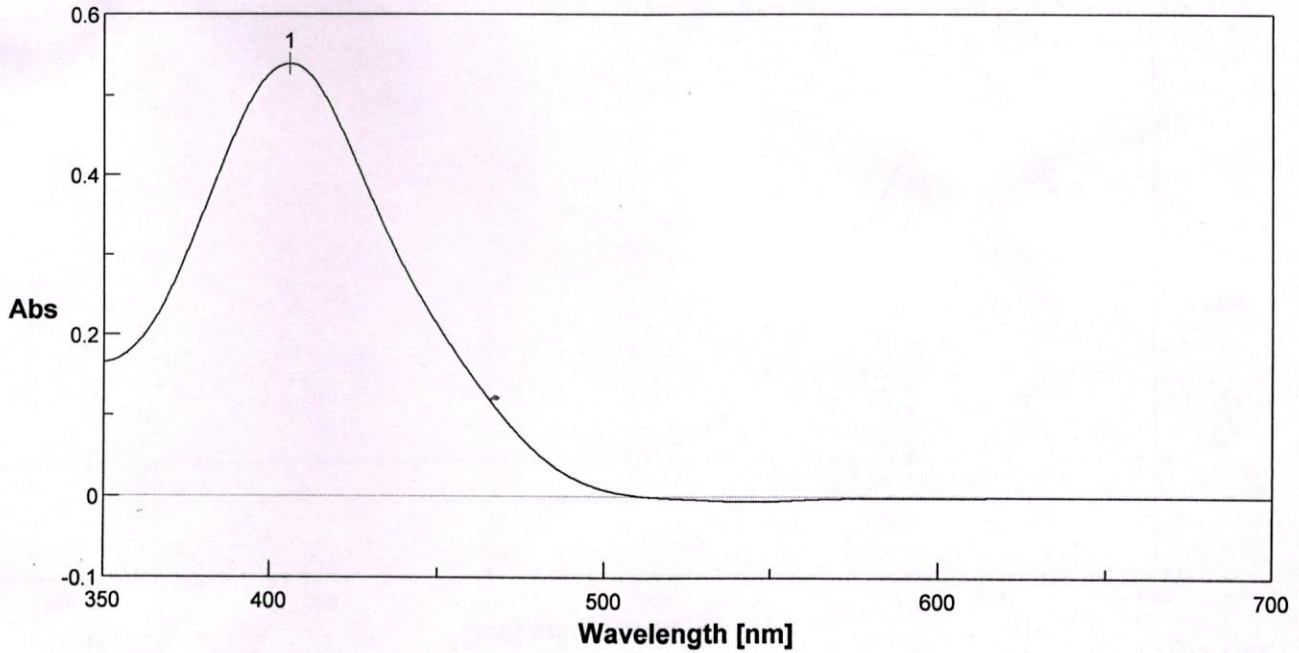


Product Name :- TITAN YELLOW 65%, c = 10mg/Lt
 Analyst :- U S Matre
 Department :- Analytical
 Organisation :- ESJAY CHEMICALS



Results of Peak Find		
No.	Position	Intensity
1	405.8	0.538407

CERTIFICATE OF ANALYSIS

PRODUCT : TITAN YELLOW 65%
 C.A.S. NO. : 1829 – 00 – 1
 C.I. NO. : 19540

TYPICAL COA

<u>Tests</u>	<u>Results</u>	<u>Specification</u>
1. Appearance	- Yellowish orange powder	(Yellow to Orange to orange brown pd)
2. Transition range	- pH 12 – 13 Yellow –Orange	(Passes test)
3. Solubility 0.1% (dist. water)	- Clear yellow solution	(Passes test)
4. Absorption maximum (dist. Water)	- 405.8 nm	(403-409nm)
5. Absorptivity 1%/ 1cm,(dist. Water)	- 538	(> 520)
6. Dye content (by spectrophotometry)	- 67.2%	(> 65 %)
7. Loss on drying at 110°C (1hr)	- 3.44%	(< 8 %)

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

ESJAY Chemicals
U S Matre
 Analytical Dept