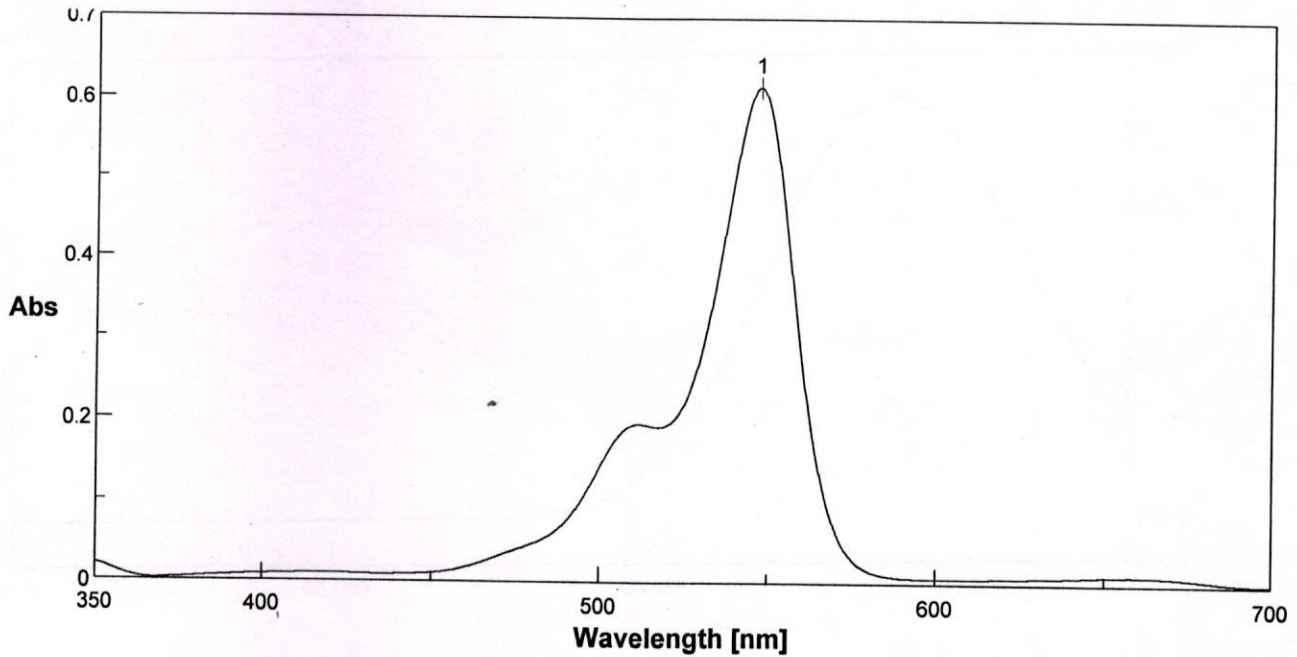


Product Name :-PHLOXINE B , c = 5mg/Lt
 Analyst :- U S Matre
 Department :- Analytical
 Organisation :- ESJAY CHEMICALS



Results of Peak Find		
No.	Position	Intensity
1	547.4	0.614218

CERTIFICATE OF ANALYSIS

PRODUCT : PHLOXINE B
 CAS NO. : 18472 - 87 - 2
 C.I.NO. : 45410

TYPICAL COA

<u>Tests</u>	<u>Results</u>	<u>Specification</u>
1. Appearance	- Red powder	(Red to dark red or dark pink pd)
2. Solubility 0.1% (50% Ethanol + 1 ml 1% Na ₂ CO ₃)	- Clear solution	(passes test)
3. Absorption maximum λ _{max} (50% Ethanol + 1 ml 1% Na ₂ CO ₃)	- 547.4nm	(545-551nm)
4. Absorptivity 1%/ 1cm, (50% Ethanol + 1 ml 1% Na ₂ CO ₃)	- 1228	(> 1145)
5. Dye content by Spectrophotometry	- 91.1%	(> 85%)
6. Loss on drying at 110 ^o C(1hr.)	- 5.12 %	(< 10%)

Mfg.Date : FEB - 2024
 Exp.Date : JAN - 2030

ESJAY Chemicals
U S Matre
 Analytical Dept