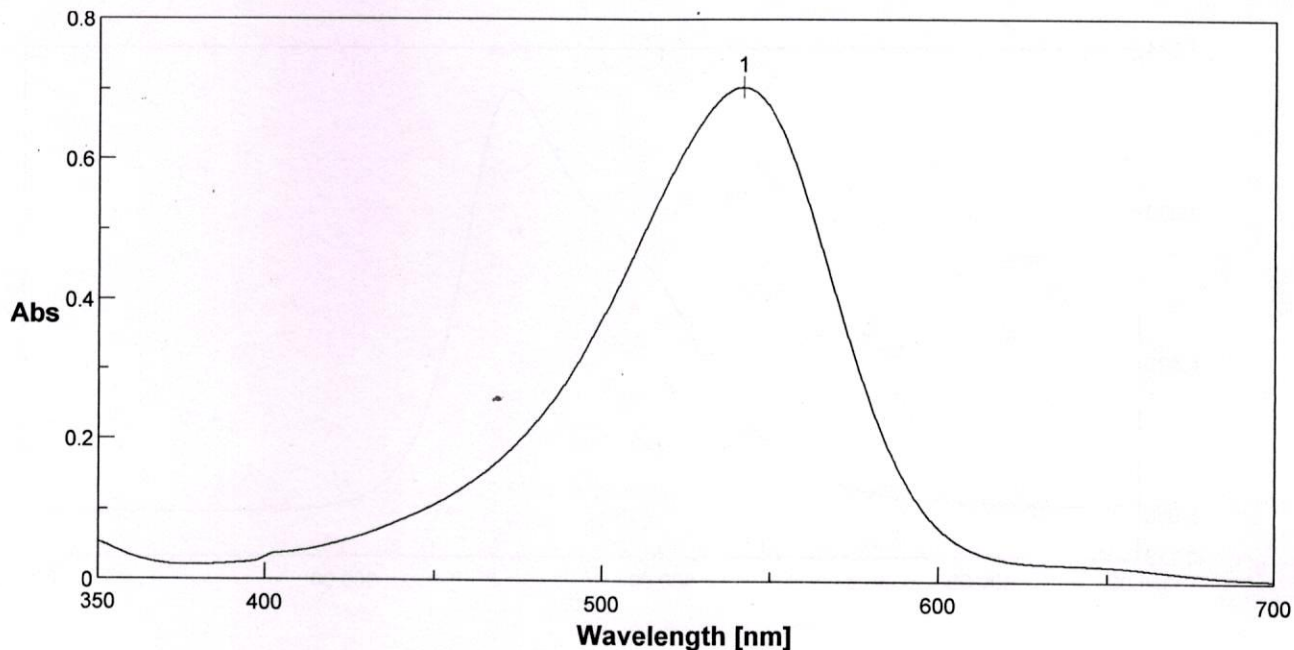


Product Name :- NEUTRAL RED 90% , c = 5mg/Lt
 Analyst :- U S Matre
 Department :- Analytical
 Organisation :- ESJAY CHEMICALS



Results of Peak Find		
No.	Position	Intensity
1	541.8	0.703463

CERTIFICATE OF ANALYSIS

PRODUCT : NEUTRAL RED 90%
 C.A.S. NO. : 553 - 24 - 2
 C.I.NO. : 50040

TYPICAL COA

<u>Tests</u>	<u>Results</u>	<u>Specification</u>
1. Appearance	- Blackish green powder	(Passes test)
2. Transition range	- pH 6.8 – 8.0 Violet red – orange yellow	(Passes test)
3. Solubility 0.1%, (in 50% EtOH+ 2ml Acetic acid)	- Clear red solution	(Passes test)
4. Absorption Maximum (in 50% EtOH+ 2ml Acetic acid) λ_{max}	- 541.8 nm	(539 - 544 nm)
5. Absorptivity 1%/ 1cm, (50% EtOH +2ml Acetic acid)	- 1406	(> 1370)
6. Assay (by spectrophotometry)	- 92.3%	(> 90 %)
7. Loss on drying at 110°C (1hr)	- 5.13%	(< 8 %)

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

ESJAY Chemicals

U S Matre
 Analytical Dept