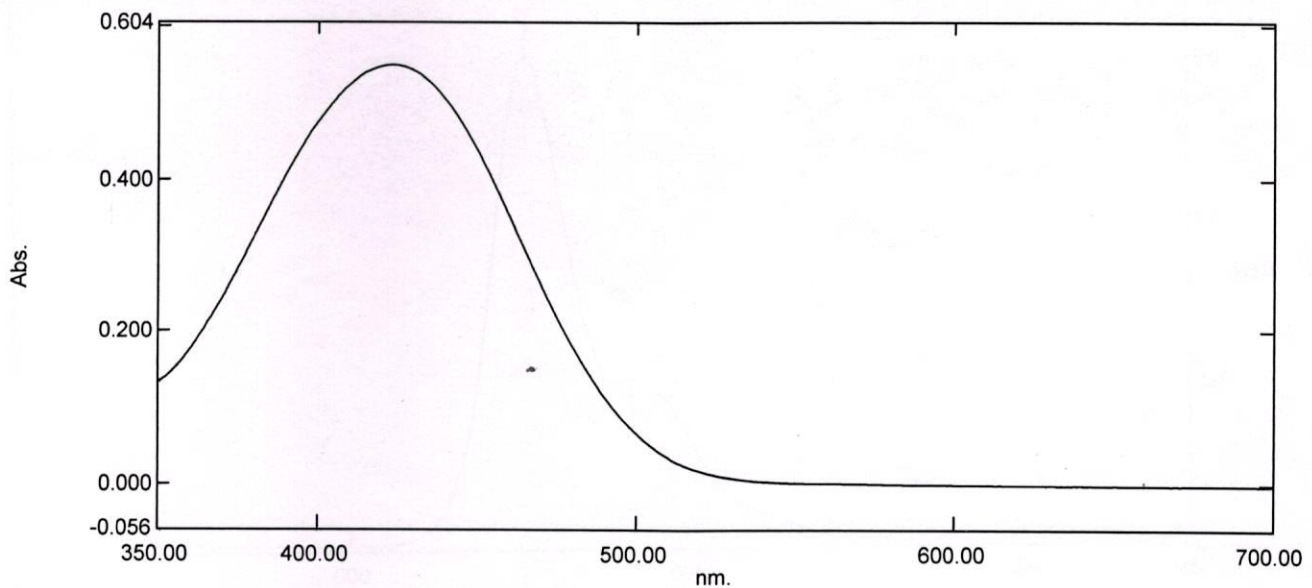


Product Name : PHENOL RED SODIUM SALT (ACS) , c=10mg/Lt
 Analyst: U.S.Matre
 Department: Analytical
 Organisation: ESJAY CHEMICALS



No.	P/V	Wavelength	Abs.	Description
1	①	423.20	0.549	

CERTIFICATE OF ANALYSIS

PRODUCT : PHENOL RED SODIUM SALT (ACS)
 C.A.S. NO. : 34487 – 61 – 1

TYPICAL COA

<u>Tests</u>	<u>Results</u>	<u>Specification</u>
1. Appearance	- Dark red powder	(Red to dark red or red to brown pd)
2. Transition range	- pH 6.5 – 8.2 Yellow – Red	(Passes test)
3. Solubility 0.1% (dist. water)	- Clear red solution	(Passes test)
4. Absorption maximum (in Methanol)-	423.2nm	(422-426nm)
5. Absorptivity 1%/ 1cm,(in Methanol)-	549	(> 505)
6. Dye content by Spectrophotometry -	97.8%	(> 90%)
7. Loss on drying at 110°C (1hr) -	2.25%	(< 5%)
8. Transition range acc. ACS	- Passes test	

Mfg.Date : JAN - 2023
 Exp.Date : DEC - 2028

ESJAY Chemicals

U.S. Matre
 Analytical Dept