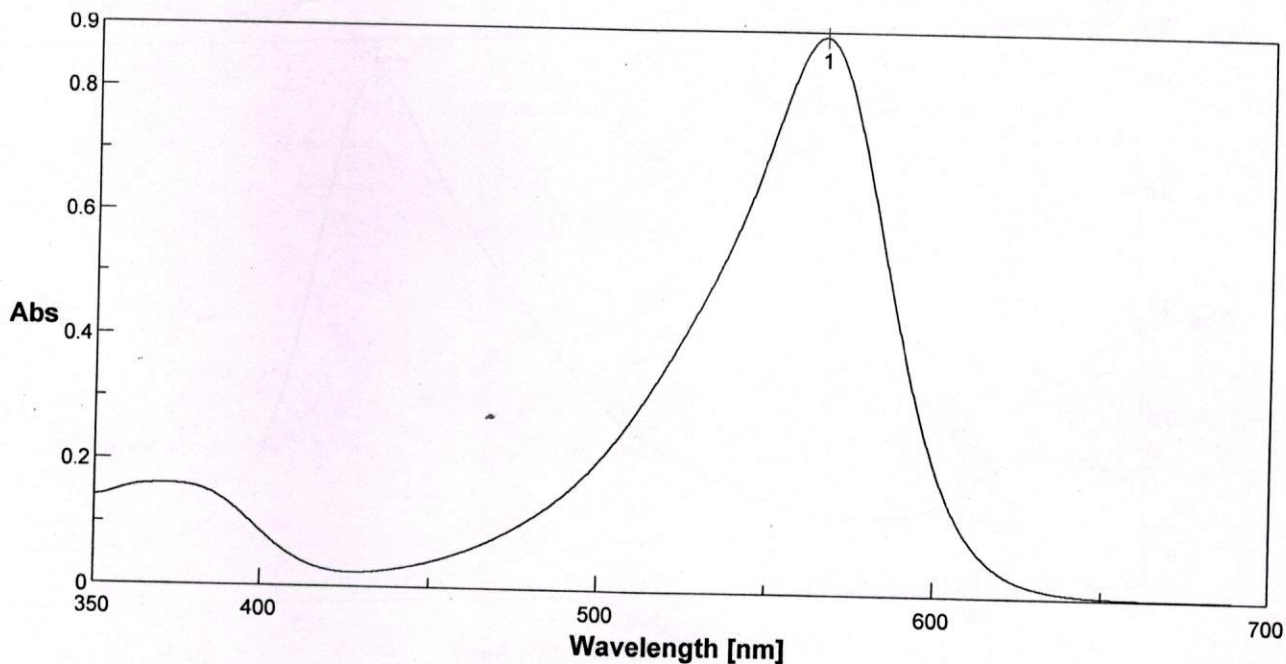


Product Name :- o – CRESOLPHTHALEIN, c = 5mg/Lt
 Analyst :- U S Matre
 Department :- Analytical
 Organisation :- ESJAY CHEMICALS



Results of Peak Find		
No.	Position	Intensity
1	566.4	0.891328

CERTIFICATE OF ANALYSIS

PRODUCT : o – CRESOLPHTHALEIN
 C.A.S.NO. : 596 – 27 – 0

TYPICAL COA

<u>Tests</u>	<u>Results</u>	<u>Specification</u>
1. Appearance	- White powder	(White to tan powder)
2. Solubility 0.1% (Ethanol)	- Clear solution	(Passes test)
3. Transition range	- pH 8.2 – 9.8 Colorless – Violet red	(Passes test)
4. Absorption maximum (0.1N NaOH) λ_{max} -	566.4nm	(564-568nm)
5. Absorptivity 1%/ 1cm(in 0.1N NaOH)	- 1782	(> 1670)
6. Dye content by Spectrophotometry	- 96%	(> 90%)
7. Loss on drying (110°C) (1hr)	- 0.83 %	(<1%)

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

ESJAY Chemicals

U S Matre
 Analytical Dept