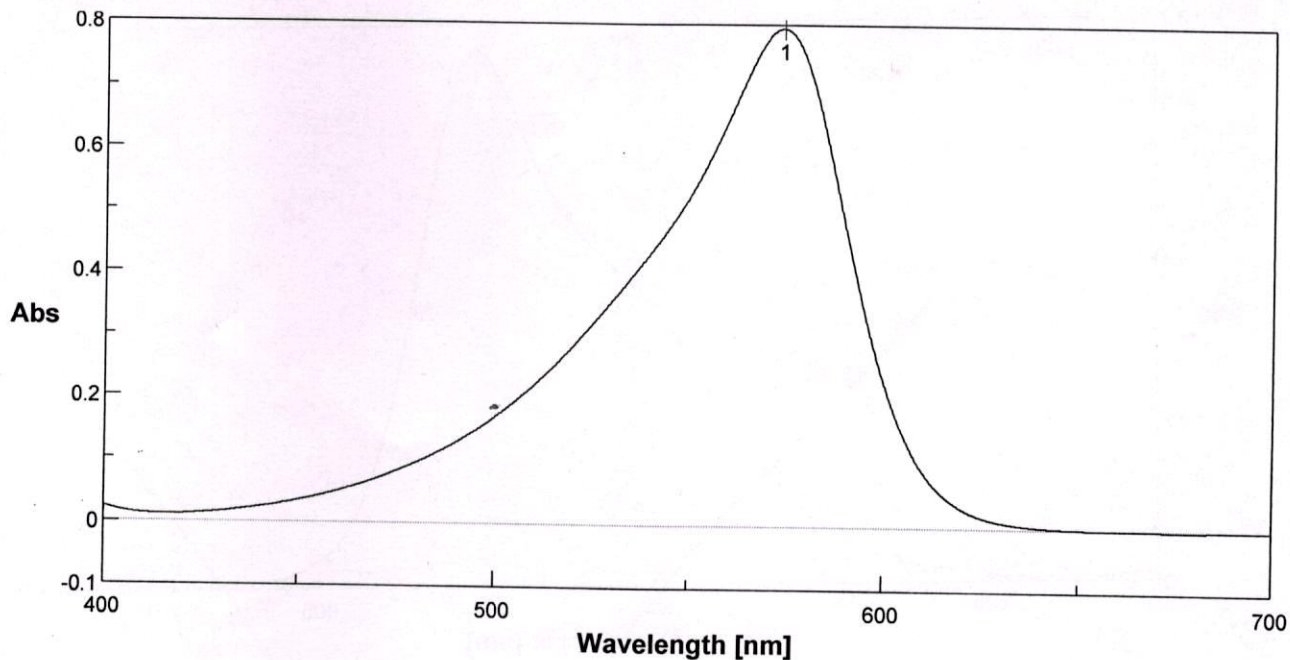


Product Name :- CHLOROPHENOL RED 93% , c = 5mg/Lt
 Analyst :- U S Matre
 Department :- Analytical
 Organisation :- ESJAY CHEMICALS



Results of Peak Find		
No.	Position	Intensity
1	574	0.793452

CERTIFICATE OF ANALYSIS

PRODUCT : CHLOROPHENOL RED 93%
 C.A.S. NO. : 4430 - 20 - 0

TYPICAL COA

<u>Tests</u>	<u>Results</u>	<u>Specification</u>
1. Appearance	- Dark brownish green powder	(Brown- green or Brown or Red brown pd)
2. Transition range	- pH 4.8 - 6.4 Brownish yellow - Red violet	(Passes test)
3. Solubility 0.1% (95% Ethanol)	- Clear solution	(Passes test)
4. Absorption maximum(in 0.1N NaOH)	- 574nm	(573 - 579 nm)
5. Absorptivity (A1%1cm ,(in 0.1N NaOH)	- 1586	(>1550)
6. Assay (by spectrophotometry)	- 95.1%	(> 93%)
7. Loss on drying at 110°C (1hr.)	- 4.18 %	(< 8 %)

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

ESJAY Chemicals
U S Matre
 Analytical Dept

06/11/23