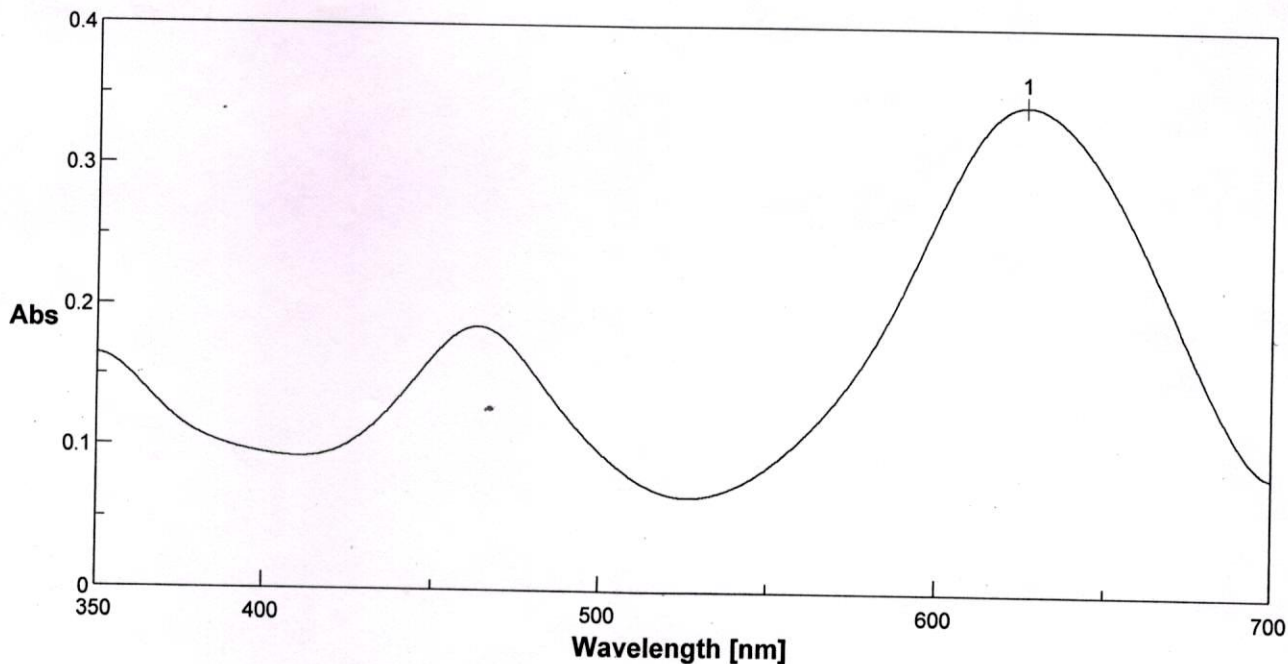


Product Name :- 1 – NAPHTHOLBENZEIN (EP Grade) , c = 5mg/Lt  
 Analyst :- U S Matre  
 Department :- Analytical  
 Organisation :- ESJAY CHEMICALS



Results of Peak Find		
No.	Position	Intensity
1	625.8	0.345739

### CERTIFICATE OF ANALYSIS

PRODUCT : 1 – NAPHTHOLBENZEIN (EP Grade)  
 (α – NAPHTHOLBENZEIN)  
 CAS.NO. : 145-50-6

### TYPICAL COA

<u>Tests</u>	<u>Results</u>	<u>Specification</u>
1. Appearance	- Dark red powder	(Red to brown powder)
2. Transition range	- pH 8.0 – 9.6 Apricot – turquoise blue	(Passes test)
3. Solubility 0.1% (perchloric acid (0.1mole) in acetic acid)	- Clear solution	(Passes test)
4. Absorption maximum in (perchloric acid (0.1mole) in acetic acid)	- 625.8nm	(622-626 nm)
5. Absorptivity 1%/1cm, (in perchloric acid ( 0.1mole) in acetic acid)	- 690	(> 640)
6. Loss on drying (105°C) (1hr)	- 2.26%	(< 7%)

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

ESJAY Chemicals

*U S Matre*  
 Analytical Dept