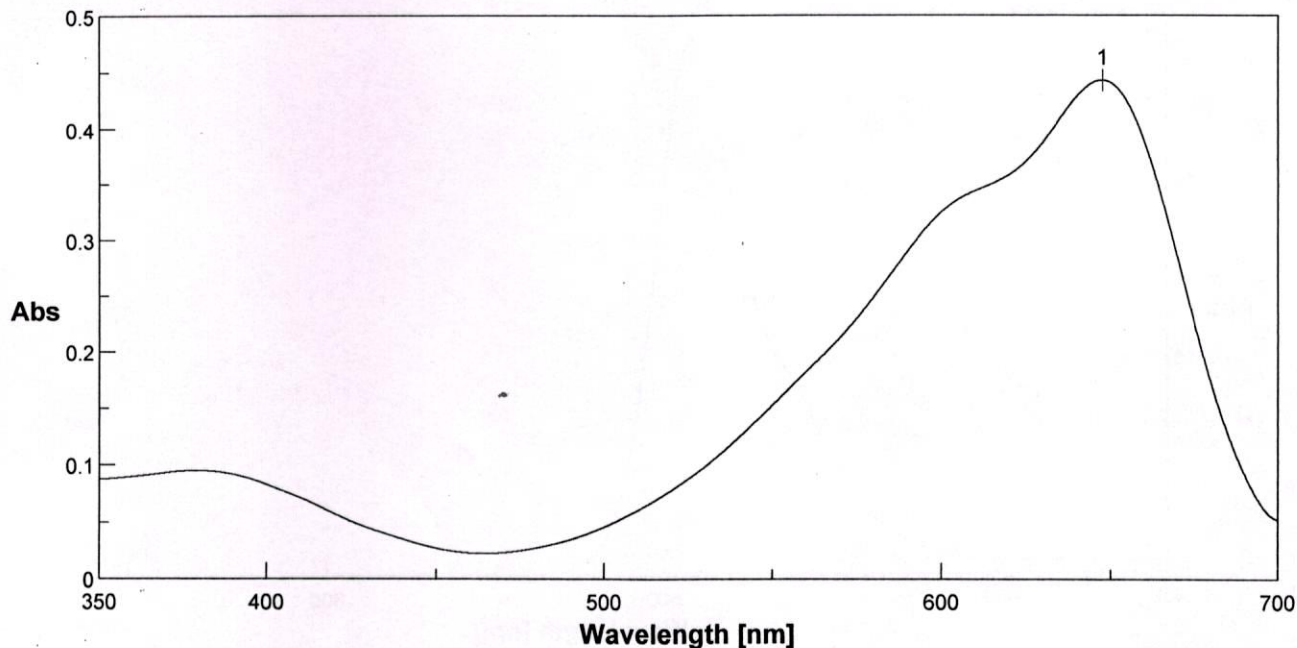


Product Name :- HYDROXY NAPHTHOL BLUE (ACS), c = 10mg/Lt  
 Analyst :- U S Matre  
 Department :- Analytical  
 Organisation :- ESJAY CHEMICALS



Results of Peak Find		
No.	Position	Intensity
1	647.6	0.442869

### CERTIFICATE OF ANALYSIS

PRODUCT : HYDROXY NAPHTHOL BLUE (ACS)  
 C.A.S. NO. : 165660-27-5

### TYPICAL COA

<u>Tests</u>	<u>Results</u>	<u>Specification</u>
1. Appearance	- Dark blackish brown powder	
2. Solubility 0.1% (dist. water)	- Clear red solution	(Passes test)
3. Absorption maximum, (in ammonia buffer pH 12.0 + 2ml 0.05 M E.D.T.A.)	- 647.6nm	(645 – 650)
4. Absorptivity 1%/ 1cm, (in ammonia buffer pH 12.0 + 2ml 0.05 M E.D.T.A.)	- 442	(>350)
5. Suitability for calcium determination as per ACS	- passes test	
6. Loss on drying at 105°C (1hr)	- 4.26%	(<5%)

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

ESJAY Chemicals

*U S Matre*  
 Analytical Dept