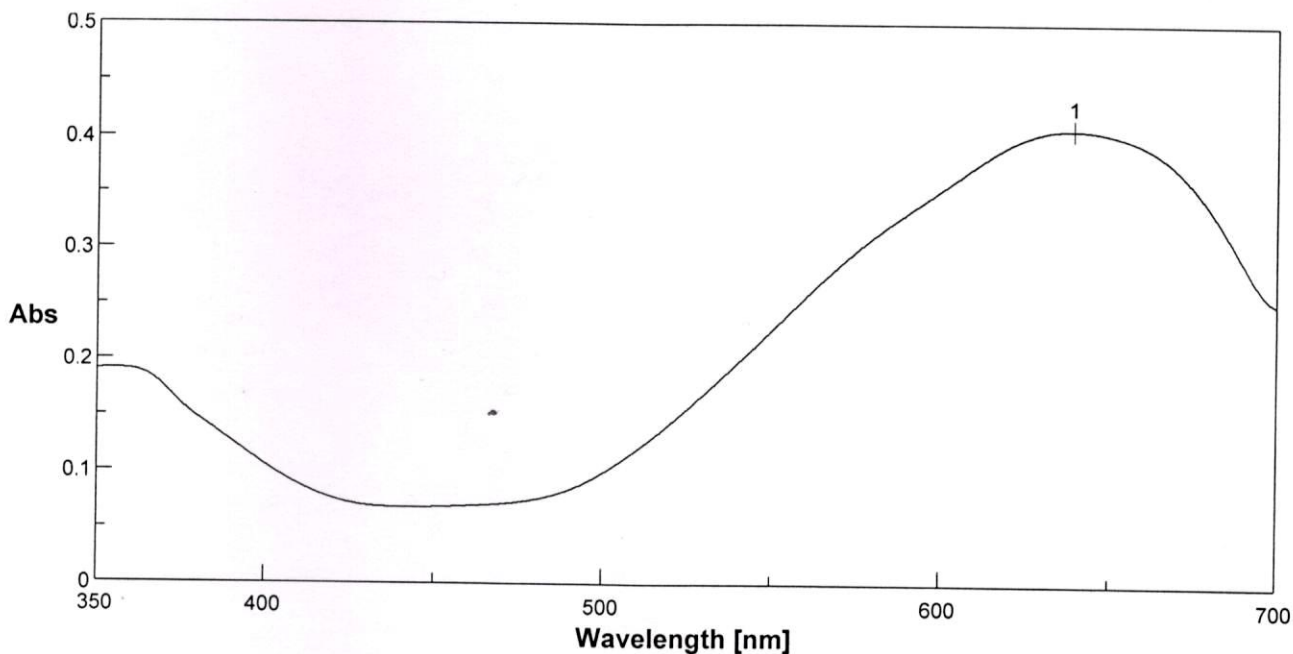


Product Name :- ERIOCHROME BLUE BLACK B, c = 10mg/Lt
 Analyst :- U S Matre
 Department :- Analytical
 Organisation :- ESJAY CHEMICALS



Results of Peak Find		
No.	Position	Intensity
1	639.2	0.406902

CERTIFICATE OF ANALYSIS

PRODUCT : ERIOCHROME BLUE BLACK B
 CAS NO. : 3564-14-5
 C. I. NO. : 14640

TYPICAL COA

<u>Tests</u>	<u>Results</u>	<u>Specification</u>
1. Appearance	- Brownish black powder	(Passes test)
2. Solubility 0.1% (dist. water)	- Almost clear solution	(Passes test)
3. Absorption maximum, in (at pH 10.0 Ammonia buffer + 2ml 0.05M E.D.T.A. solution)	- 639.2nm	(632-645nm)
4. Absorptivity 1%/ 1cm, in (at pH 10.0 Ammonia buffer + 2ml 0.05M E.D.T.A. solution)	- 406	(>220)
5. Suitability as an indicator for metal titration	- Passes test	(Passes test)
6. Loss on drying at 110°C (1hr)	- 4.48 %	(<10%)

Mfg.Date: MARCH - 2024
 Exp.Date: FEB - 2030

ESJAY Chemicals

U S Matre
 Analytical Dept