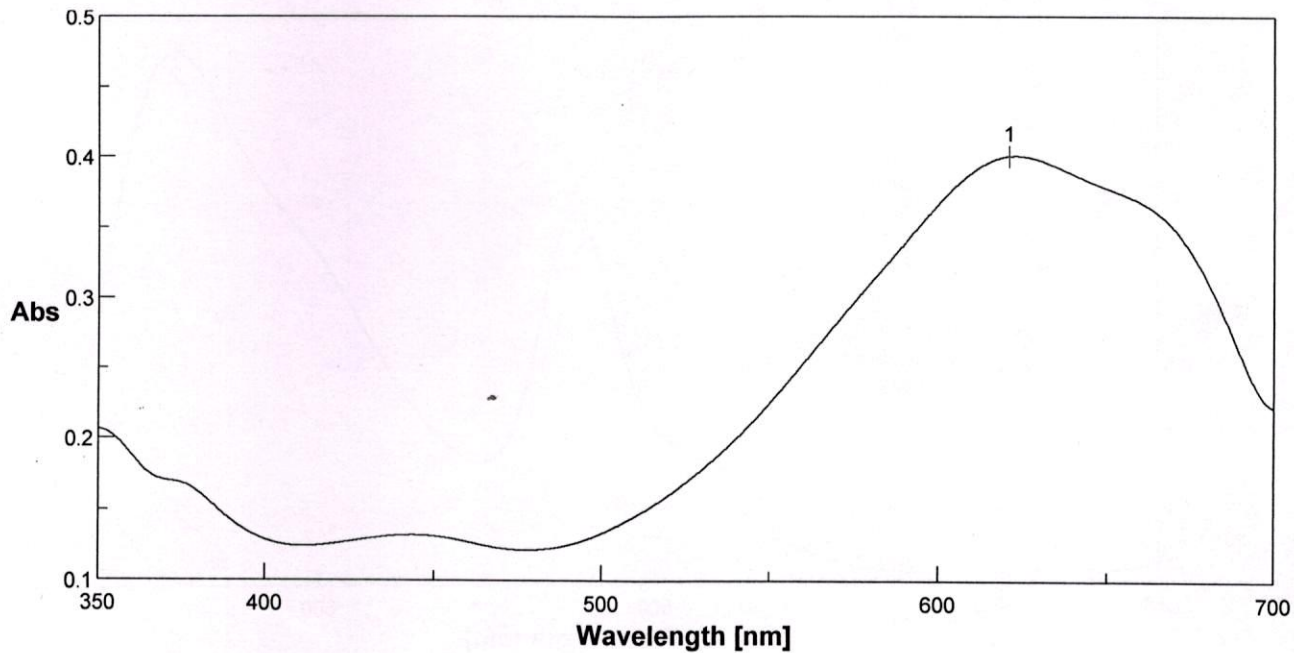


Product Name :- ERIOCHROME BLACK T, c = 10mg/Lt

Analyst :- U S Matre

Department :- Analytical

Organisation :- ESJAY CHEMICALS



Results of Peak Find		
No.	Position	Intensity
1	620.8	0.400709

### CERTIFICATE OF ANALYSIS

PRODUCT : ERIOCHROME BLACK T  
CAS NO. : 1787 - 61 - 7  
C. I. NO. : 14645

### TYPICAL COA

<u>Tests</u>	<u>Results</u>	<u>Specification</u>
1. Appearance	- Dark Brown powder	(Passes test)
2. Solubility 0.1% (dist. water)	- Red solution	(Passes test)
3. Absorption maximum, (at pH 10.0 Ammonia buffer + 2ml 0.05M E.D.T.A. solution)	- 620.8 nm	(610 -630nm)
4. Absorptivity 1%/ 1cm, (at pH 10.0 Ammonia buffer + 2ml 0.05M E.D.T.A. solution)	- 400	(>320)
5. Suitability as complexometric indicator	- Passes test	
6. Loss on drying at 110°C (1hr)	- 0.68 %	(<1%)

Mfg.Date: MAY - 2023

Exp.Date: APRIL - 2029

ESJAY Chemicals

*U S Matre*  
Analytical Dept