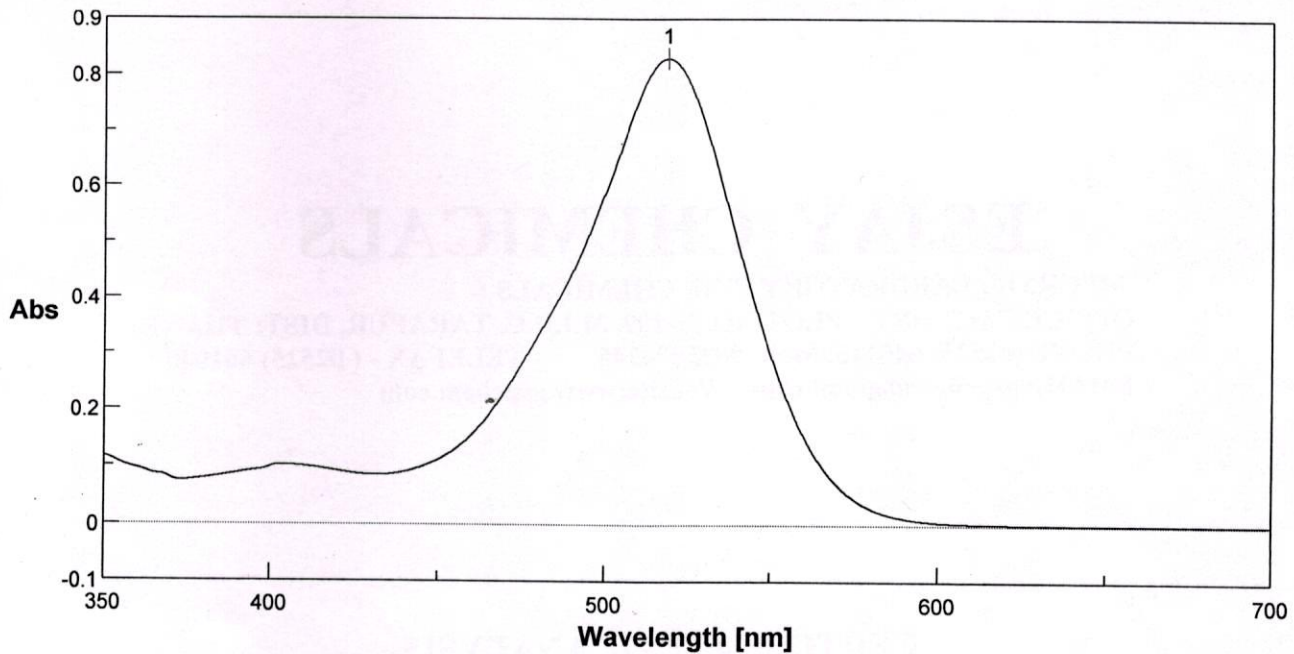


Product Name :- EOSIN BLUE , c = 10mg/Lt
Analyst :- U S Matre
Department :- Analytical
Organisation :- ESJAY CHEMICALS



Results of Peak Find		
No.	Position	Intensity
1	518.8	0.828834

CERTIFICATE OF ANALYSIS

PRODUCT : EOSIN BLUE
(EOSIN BLUE SODIUM SALT)
C.A.S. NO. : 548 - 24 - 3
C.I.NO. : 45400

TYPICAL COA

<u>Tests</u>	<u>Results</u>	<u>Specification</u>
1. Appearance	- Dark brownish green powder	(Brown to green powder)
2. Solubility 0.1% (dist. water)	- Clear red solution	(Passes test)
3. Absorption Maximum (in water + 1%, 1ml Na ₂ CO ₃) λ _{max}	- 518.8nm	(515-523nm)
4. Absorptivity 1%/ 1cm, (in water + 1%, 1ml Na ₂ CO ₃)	- 828	(> 800)
5. Dye content by Spectrophotometry	- 88%	(> 85%)
6. Loss on drying at 110°C (1hr)	- 6.62 %	(< 8%)

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

ESJAY Chemicals
U S Matre
Analytical Dept