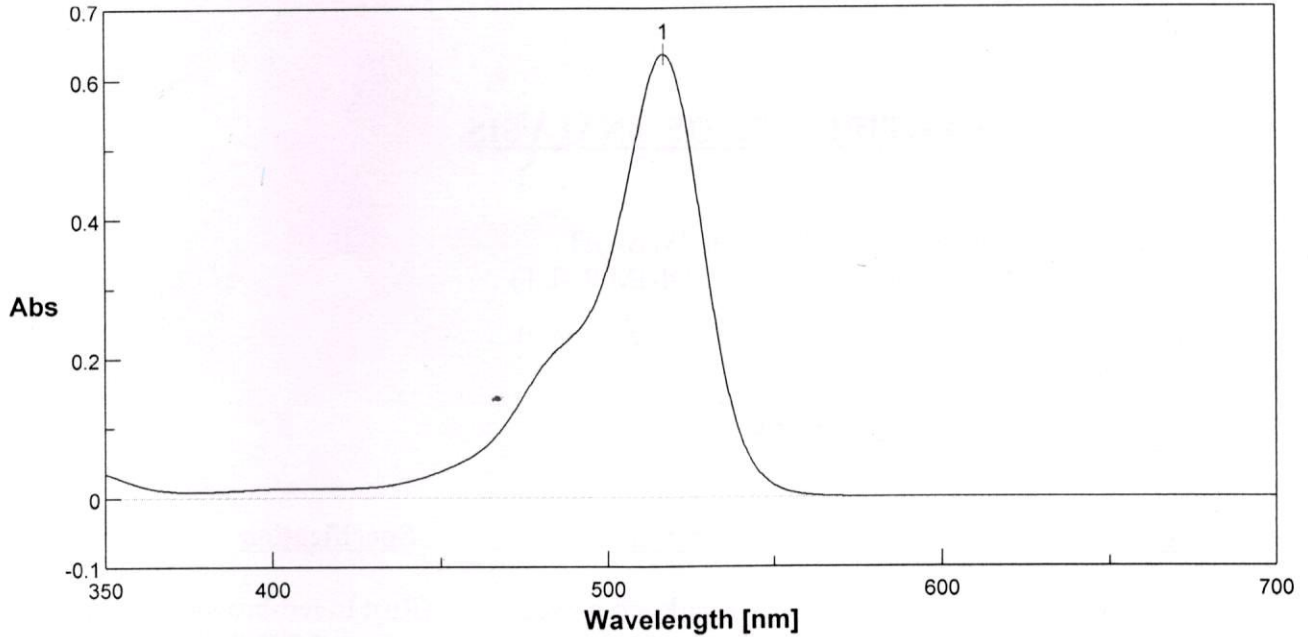


Product Name :- EOSIN YELLOW SODIUM SALT, c = 5mg/Lt
Analyst :- U S Matre
Department :- Analytical
Organisation :- ESJAY CHEMICALS



Results of Peak Find		
No.	Position	Intensity
1	517.2	0.63414

CERTIFICATE OF ANALYSIS

PRODUCT : EOSIN YELLOW SODIUM SALT
(EOSIN YELLOW DISODIUM SALT)
C.A.S. NO. : 17372 - 87 - 1
C.I.NO. : 45380

TYPICAL COA

<u>Tests</u>	<u>Results</u>	<u>Specification</u>
1. Appearance	- Dark red powder	(Rust to red-brown or red-purple to brown powder)
2. Solubility 0.1% (water + 1ml 1% Na ₂ CO ₃)	- Clear solution	(Passes test)
3. Absorption Maximum (water + 1ml 1% Na ₂ CO ₃)λ _{max}	- 517.2nm	(512 - 518 nm)
4. Absorptivity 1%/ 1cm, (water + 1ml 1% Na ₂ CO ₃)	- 1268	(>1200)
5. Dye content by Spectrophotometry	- 89.8 %	(>85%)
6. Loss On Drying at 110°C (1hr)	- 5.82%	(<8 %)

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

ESJAY Chemicals

U S Matre
Analytical Dept