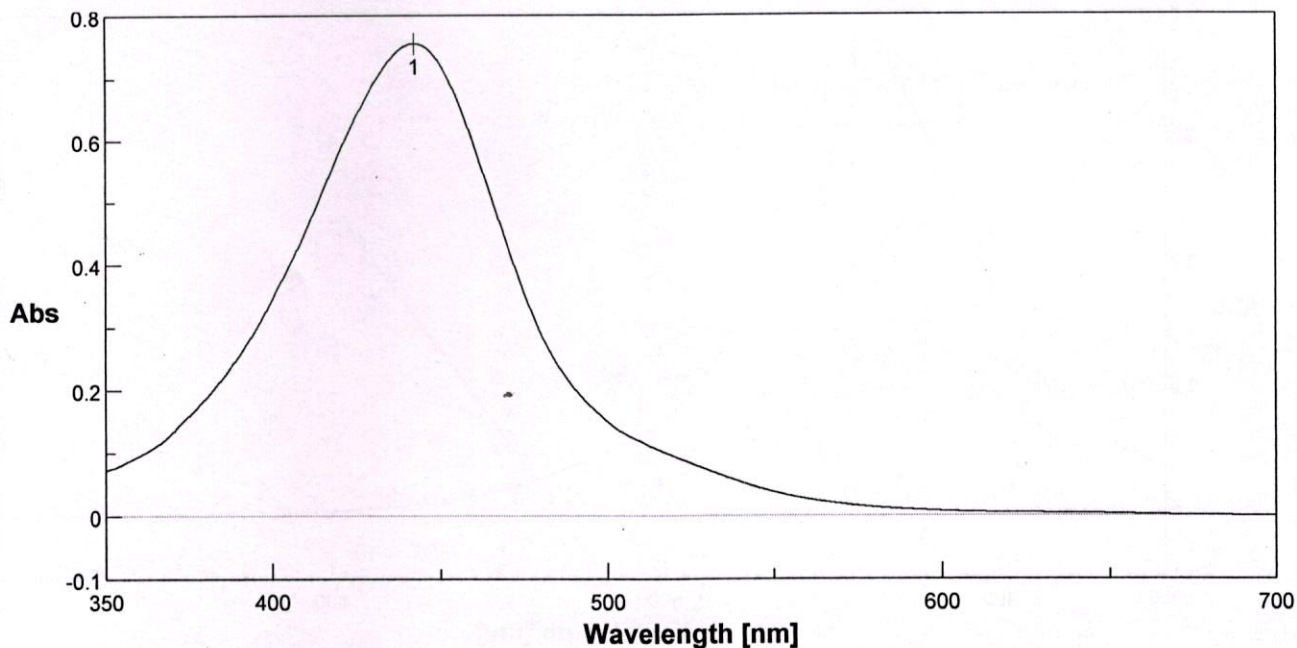


Product Name :- MAGNESON I, c = 5mg/Lt
Analyst :- U S Matre
Department :- Analytical
Organisation :- ESJAY CHEMICALS



Results of Peak Find		
No.	Position	Intensity
1	442.4	0.755102

CERTIFICATE OF ANALYSIS

PRODUCT : MAGNESON I
4(p - Nitrophenylazo)resorcinol
CAS NO. : 74 - 39 - 5

TYPICAL COA

<u>Tests</u>	<u>Results</u>	<u>Specification</u>
1. Appearance	- Dark brownish red powder	(Dark orange to red to red to red brown pd)
2. Solubility 0.1% (in 0.1N NaOH)	- Almost clear solution	(Passes test)
3. Absorption maximum (in methanol + 1 ml 0.1N NaOH)	- 442.4nm	(439-445nm)
4. Absorptivity 1%/ 1cm, (in methanol + 1 ml 0.1N NaOH)	- 1510	(>1430)
5. Dye content by Spectrophotometry	- 95%	(>90%)
6. Loss on drying at 110°C (1hr)	- 4.88%	(<8%)

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

ESJAY Chemicals

U S Matre
Analytical Dept