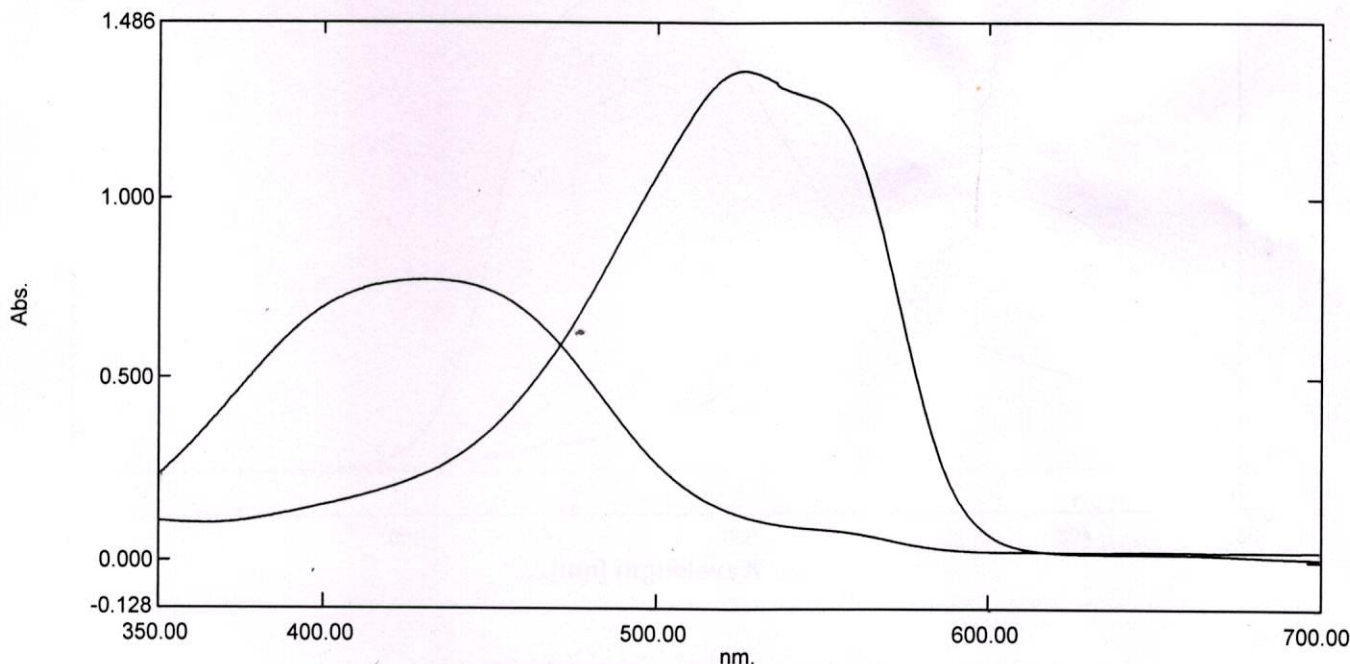


Product Name : METHYL RED ,c= 10mg/Lt
 Analyst: U.S.Matre
 Department: Analytical
 Organisation: ESJAY CHEMICALS



CERTIFICATE OF ANALYSIS

PRODUCT : METHYL RED
 C.A.S. NO. : 493 - 52 - 7
 C.I.NO. : 13020

TYPICAL COA

<u>Tests</u>	<u>Results</u>	<u>Specification</u>
1. Appearance	- Dark purple powder	(Dark red to maroon to purple powder or crystalline powder)
2. Transition range	- pH 4.2 – 6.2 Red – Yellow	(Passes test)
3. Solubility 0.1% (Ethanol)	- Clear solution	(Clear solution with only a faint trace of turbidity or insoluble matter)
4. Absorptivity 1%/ 1cm, (pH 6.2, at λ max.432.4 nm)	- 771	(700 – 800)
(pH 4.2, at λ max.524.6 nm)	- 1349	(1300 – 1400)
5. Dye content by Spectrophotometry	- 96.3%	(> 95%)
6. Loss on drying at 110°C (1hr)	- 2.49%	(< 3%)

Mfg.Date : AUG - 2023
 Exp.Date : JULY - 2029

ESJAY Chemicals

U.S. Matre
 Analytical Dept