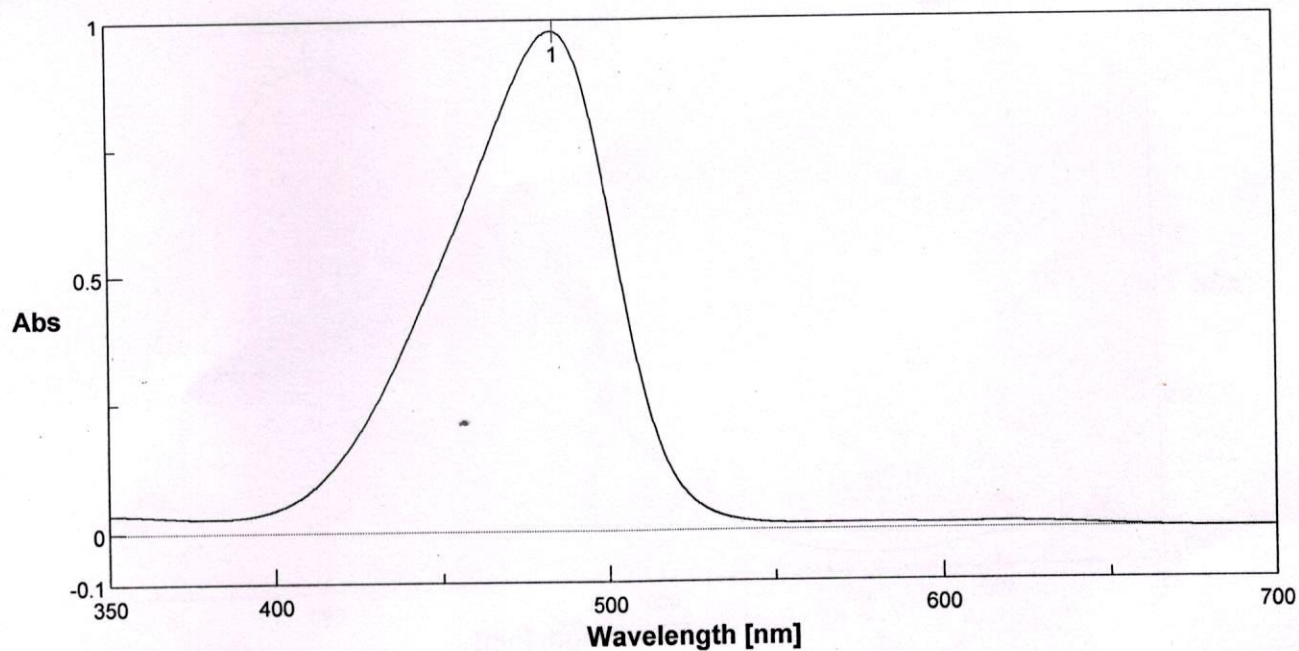


Product Name :- AURIN (p- ROSOLIC ACID) , c = 5mg/Lt

Analyst :- U S Matre

Department :- Analytical

Organisation :- ESJAY CHEMICALS



Results of Peak Find		
No.	Position	Intensity
1	484.4	0.976291

CERTIFICATE OF ANALYSIS

PRODUCT : AURIN (p- ROSOLIC ACID)
CAS.NO. : 603 - 45 - 2
C.I.NO. : 43800

TYPICAL COA

<u>Tests</u>	<u>Results</u>	<u>Specification</u>
1. Appearance	- Dark red powder	(Dark red to red pd)
2. Solubility 0.1% (Ethanol)	- Clear orange solution	(Passes test)
3. Transition range	- pH 6.6 - 8.0 Yellow to orange - pink to red	(Passes test) (Passes test)
4. Absorption maximum (in Ethanol + 2ml 1N HCl) λ max.	- 484.4nm	(478 - 486 nm)
5. Absorptivity (A1%/1cm) (in Ethanol + 2ml 1N HCl)	- 1952	(> 1725)
6. Dye content by Spectrophotometry	- 96.2%	(> 85%)
7. Loss on drying at 110°C (1 hr)	- 2.27%	(< 3%)

Mfg.Date : SEPT - 2023

Exp.Date : AUG - 2029

ESJAY Chemicals

U S Matre
Analytical Dept