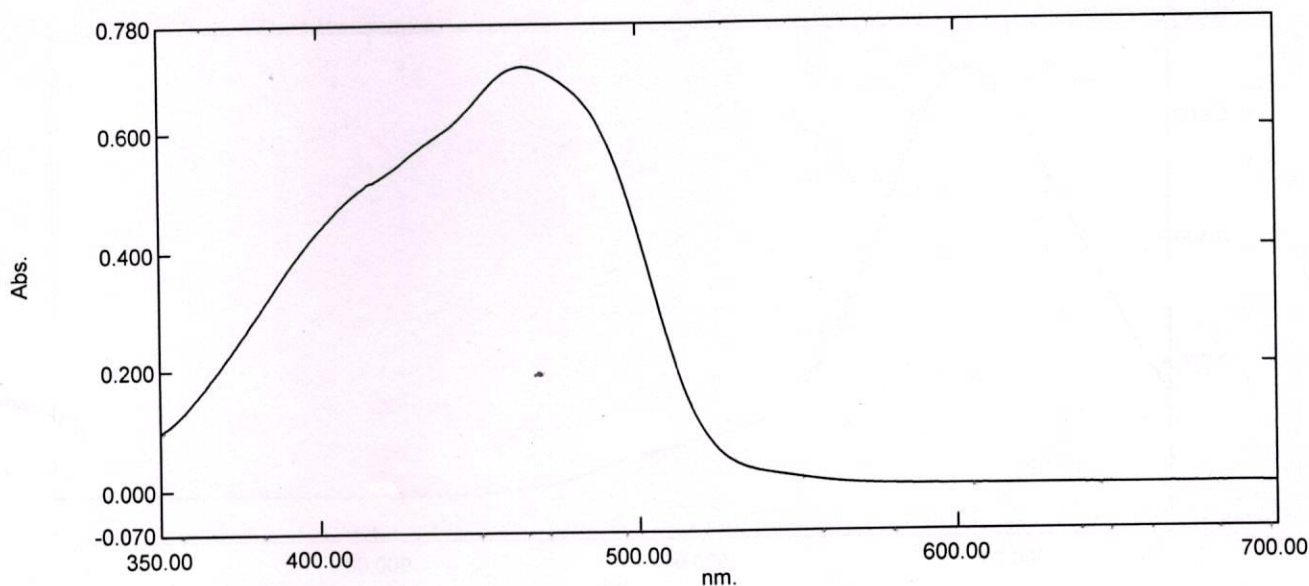


Product Name : PAN INDICATOR , c=10mg/Lt
 Analyst: U.S.Matre
 Department: Analytical
 Organisation: ESJAY CHEMICALS



No.	P/V	Wavelength	Abs.	Description
1	①	464.80	0.709	

CERTIFICATE OF ANALYSIS

PRODUCT : PAN INDICATOR
 1-(2-Pyridylazo)-2-naphthol
 C.A.S. NO. : 85 - 85 - 8

TYPICAL COA

<u>Tests</u>	<u>Results</u>	<u>Specification</u>
1. Appearance	- Dark Orange powder.	(Red to Orange- red to Brown pd)
2. Solubility 0.1% (Ethanol)	- Clear solution	(Passes test)
3. Absorption maximum (in Ethanol)	- 464.8 nm	(462-466nm)
4. Absorptivity 1%/ 1cm,(in Ethanol)	- 709	(> 670)
5. Melting point	- 137.3 – 138.2 ⁰ C	(137- 141 ⁰ C)
6. Loss on drying at 110 ⁰ C (1hr)	- 0.82 %	(< 1%)
7. Suitability as a complexometric Indicator	- passes test	(To passes test)

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

ESJAY Chemicals
 Analytical Dept

06/1/23