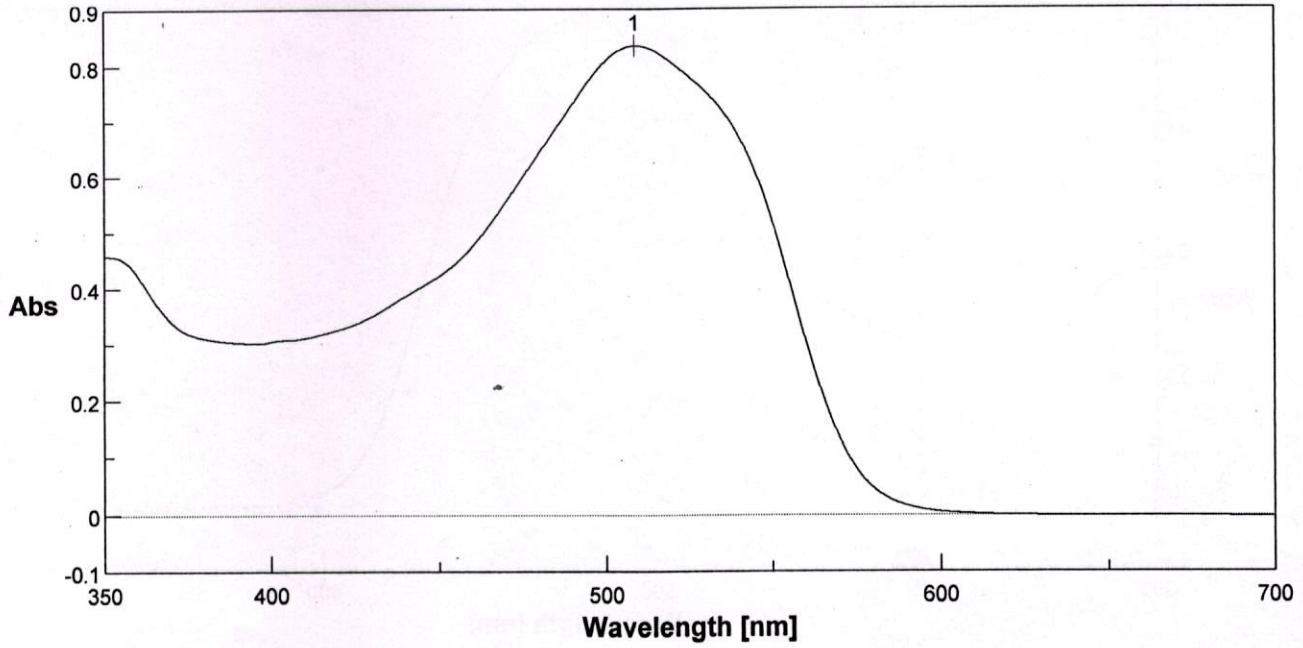


Product Name :- SUDAN III, c = 10mg/Lt  
Analyst :- U S Matre  
Department :- Analytical  
Organisation :- ESJAY CHEMICALS



Results of Peak Find		
No.	Position	Intensity
1	508.8	0.835003

### CERTIFICATE OF ANALYSIS

PRODUCT : SUDAN III  
(SOLVENT RED 23)  
C.A.S. NO. : 85 - 86 - 9  
C.I. NO. : 26100

### TYPICAL COA

<u>Tests</u>	<u>Results</u>	<u>Specification</u>
1. Appearance	- Dark red powder	(Red to red-brown powder)
2. Solubility (in Toluene)	- Clear red solution	(Passes test)
3. Absorption maximum (Toluene)	- 508.8nm	(506-512nm)
4. Absorptivity (A1%/1cm, in Toluene)	- 835	(> 820)
5. Dye content (by spectrophotometry)	- 81.4 %	(> 80%)
6. Loss on drying 110°C (1hr)	- 0.71 %	(< 1%)

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

ESJAY Chemicals

*U S Matre*  
Analytical Dept