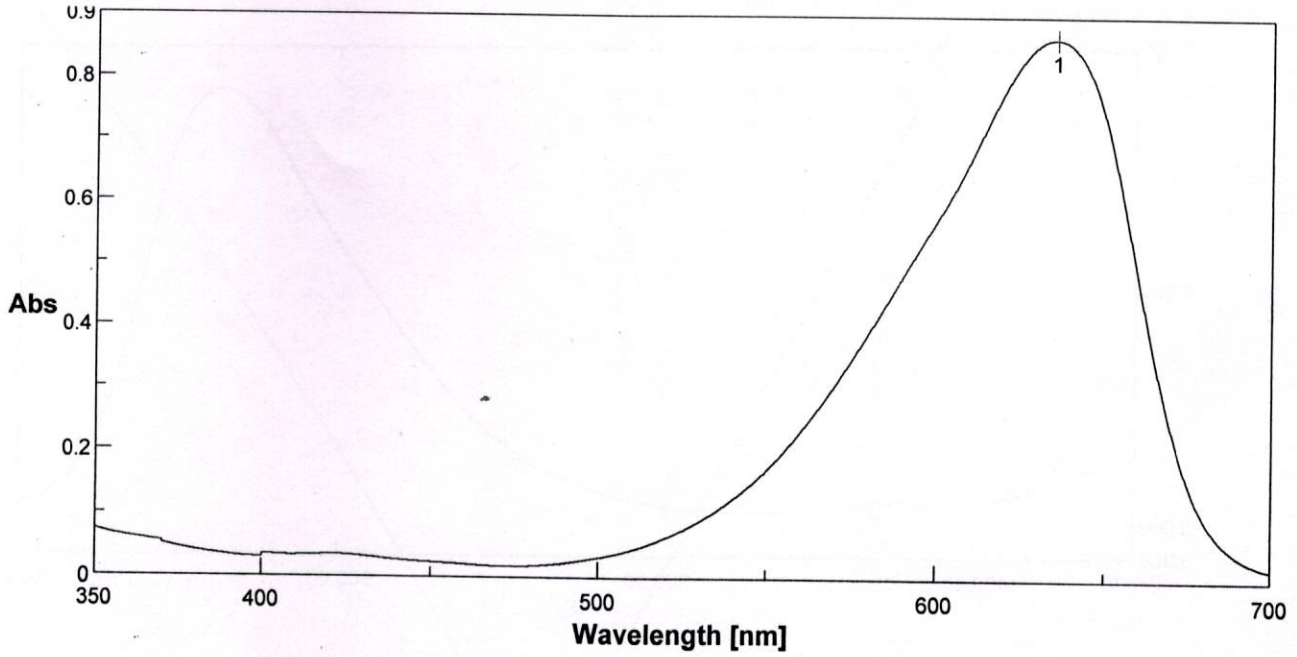


Product Name :- NILE BLUE SULFATE , c = 5mg/Lt
 Analyst :- U S Matre
 Department :- Analytical
 Organisation :- ESJAY CHEMICALS



Results of Peak Find		
No.	Position	Intensity
1	635.4	0.865036

CERTIFICATE OF ANALYSIS

PRODUCT : NILE BLUE SULFATE
 (NILE BLUE A)
 C.A.S.NO. : 3625 – 57 – 8
 C.I. NO. : 51180

TYPICAL COA

<u>Tests</u>	<u>Results</u>	<u>Specification</u>
1. Appearance	- Dark bluish black powder	(Dark green to dark blue to dark bluish black powder)
2. Solubility 0.1% (50%Ethanol)	- Clear blue solution	(Passes test)
3. Absorption Maximum(50% Ethanol)	- 635.4 nm	(635 – 639 nm)
4. Absorptivity 1%/ 1cm,(50% Ethanol)	- 1730	(>1630)
5. Dye content by Spectrophotometry	- 95.5%	(>90%)
6. Loss on drying at 110°C (1hr)	- 5.24%	(<8%)

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

ESJAY Chemicals

U S Matre
 Analytical Dept

07/43