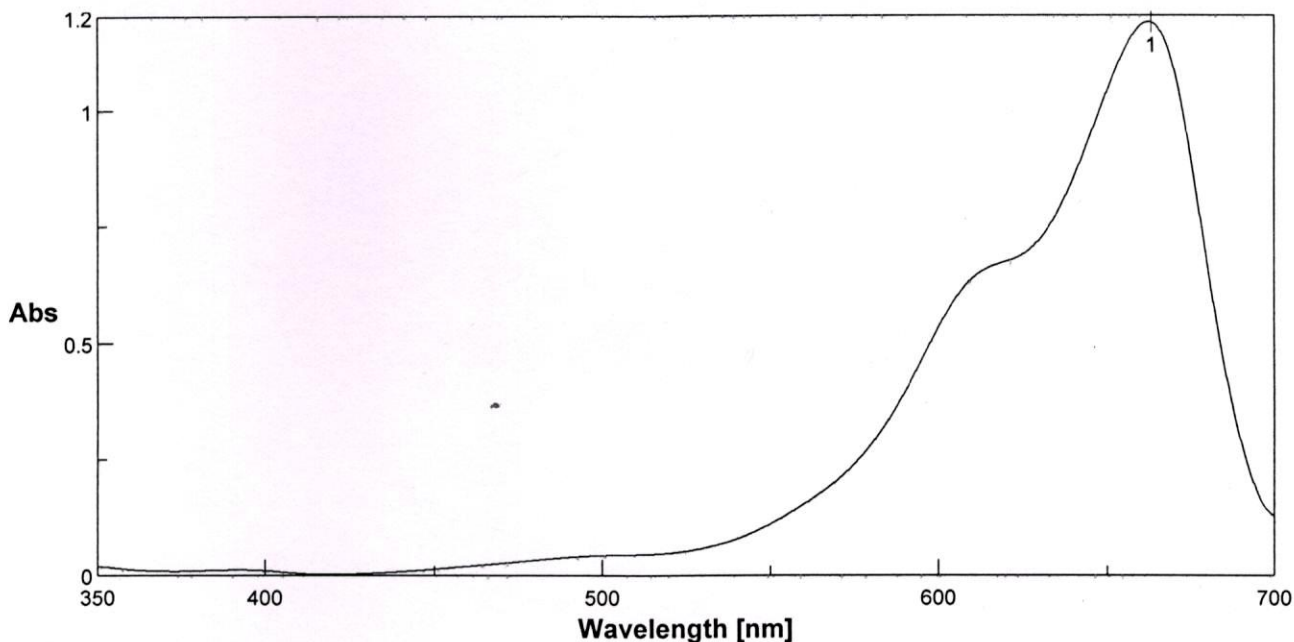


Product Name :- METHYLENE BLUE , c = 5mg/Lt
Analyst :- U S Matre
Department :- Analytical
Organisation :- ESJAY CHEMICALS



Results of Peak Find		
No.	Position	Intensity
1	663.2	1.18537

CERTIFICATE OF ANALYSIS

PRODUCT : METHYLENE BLUE
C.I.NO. : 52015
C.A.S.NO. : 61 - 73 - 4
BATCH NO. : MB - 02/44

TYPICAL COA

<u>Tests</u>	<u>Results</u>	<u>Specification</u>
1. Appearance	- Dark green powder	(Green to dark green pd)
2. Solubility 0.1% (dist. Water)	- Clear blue solution	(Passes test)
3. Absorption maximum(in dist.water)	- 663.2 nm	(663-667nm)
4. Absorptivity 1%/ 1cm,(in dist.water) (on dried substance)	- 2639	(>2200)
5. Dye content (by spectrophotometry) (on dried substance)	- 98.3%	(>82%)
6. Loss on drying (110°C) (1hr)	- 10.2%	(10-15%)

Mfg.Date : FEB - 2024
Exp.Date : JAN - 2030

ESJAY Chemicals

U S Matre
Analytical Dept