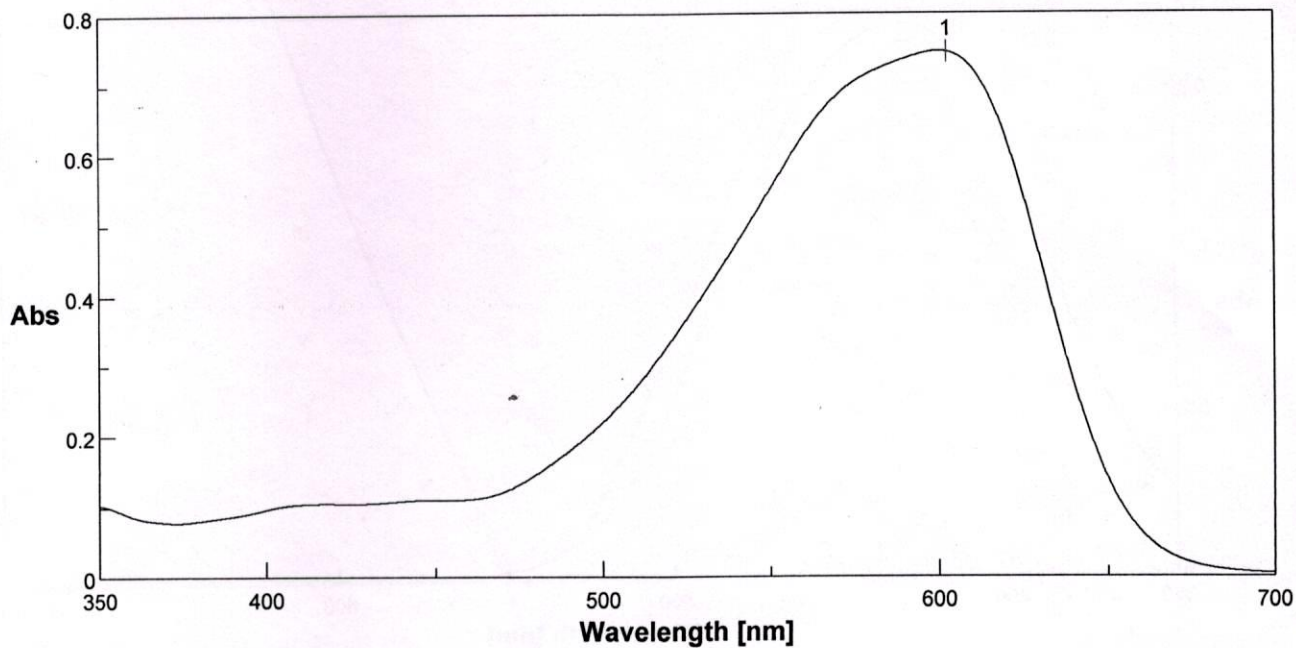


Product Name :- TRYPAN BLUE, c = 10mg/Lt

Analyst :- U S Matre

Department :- Analytical

Organisation :- ESJAY CHEMICALS



| Results of Peak Find |          |           |
|----------------------|----------|-----------|
| No.                  | Position | Intensity |
| 1                    | 602.4    | 0.745167  |

### CERTIFICATE OF ANALYSIS

PRODUCT : TRYPAN BLUE  
C.A.S. NO. : 72 - 57 - 1  
C.I.NO. : 23850

### TYPICAL COA

| <u>Tests</u>                          | <u>Results</u>  | <u>Specification</u>                                    |
|---------------------------------------|-----------------|---------------------------------------------------------|
| 1. Appearance                         | - Black powder  | (Dark brown to dark green and black and black brown pd) |
| 2. Solubility 0.1% (Water)            | - Blue solution | (Passes test)                                           |
| 3. Absorption maximum (in Methanol)   | - 602.4 nm      | (602-607nm)                                             |
| 4. Absorptivity 1%/ 1cm,(in Methanol) | - 745           | (> 625)                                                 |
| 5. Dye content (by spectrophotometry) | - 71.5%         | (> 60%)                                                 |
| 6. Loss on drying at 110°C (1hr)      | - 6.52 %        | (< 10%)                                                 |

Mfg.Date : NOV - 2023

Exp.Date : OCT - 2029

ESJAY Chemicals

*U S Matre*  
Analytical Dept