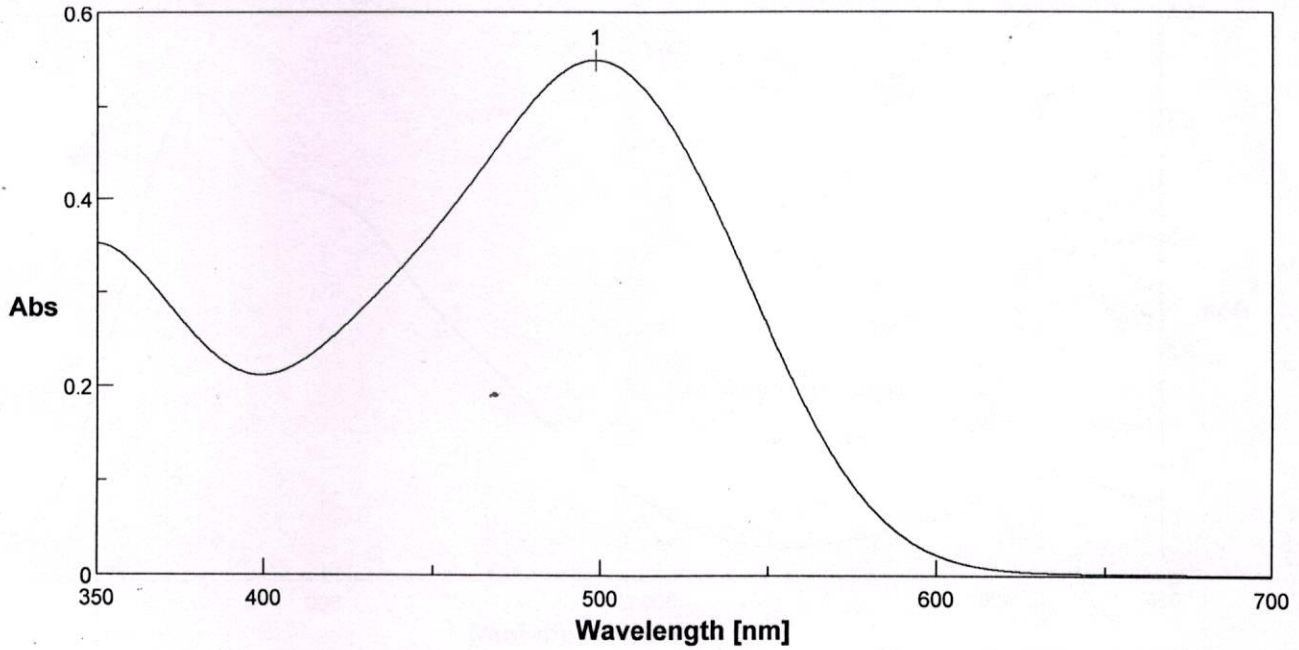


Product Name :- CONGO RED , c = 10mg/Lt
 Analyst :- U S Matre
 Department :- Analytical
 Organisation :- ESJAY CHEMICALS



Results of Peak Find		
No.	Position	Intensity
1	498.4	0.548704

CERTIFICATE OF ANALYSIS

PRODUCT : CONGO RED (DIRECT RED 28)
 C.A.S. NO. : 573 – 58 – 0
 C.I. NO. : 22120

TYPICAL COA

<u>Tests</u>	<u>Results</u>	<u>Specification</u>
1. Appearance	- Red powder	(Passes test)
2. Transition Range	- pH 3.0 – 5.0 Blue – Red	(Passes test)
3. Solubility 0.1% (Dist. water)	- Clear solution	(Passes test)
4. Absorption maximum (Dist. water)	- 498.4nm	(497 – 499nm)
5. Absorptivity 1%/ 1cm,(Dist. water)	- 548	(>520)
6. Dye content (by spectrophotometry)	- 79 %	(>75%)
7. Loss on drying (110°C) (1hr)	- 3.35 %	(<5%)

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

ESJAY Chemicals
U S Matre
 Analytical Dept.