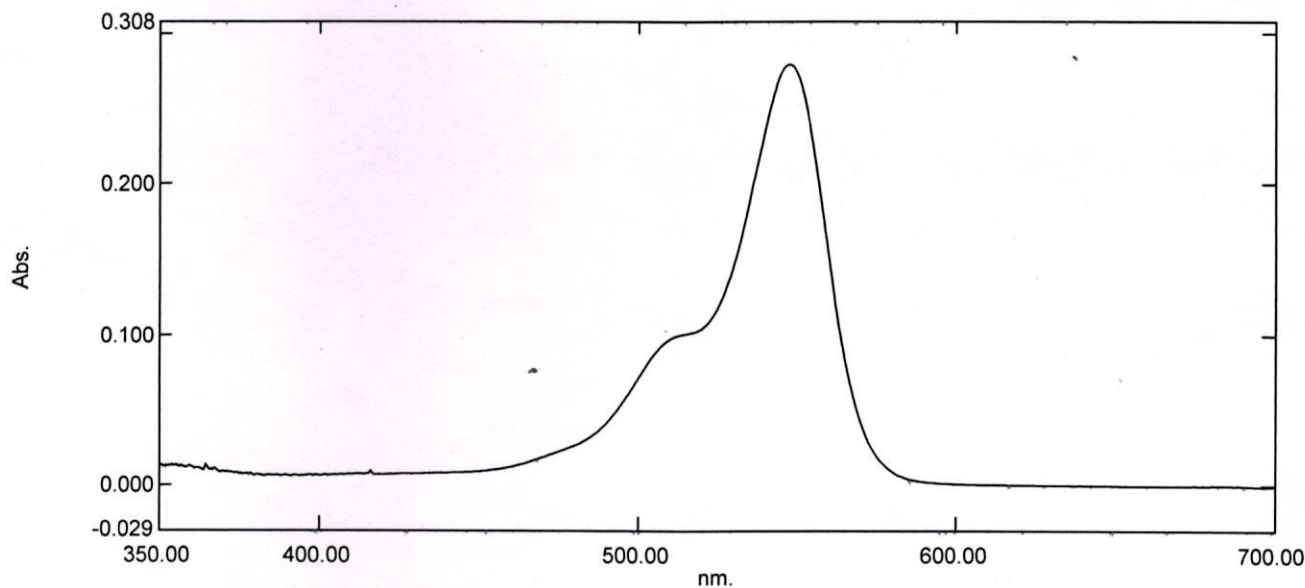


Product Name : ROSE BENGAL 90% , c=3mg/Lt
 Analyst: U.S.Matre
 Department: Analytical
 Organisation: ESJAY CHEMICALS



No.	P/V	Wavelength	Abs.	Description
1	①	547.80	0.280	

CERTIFICATE OF ANALYSIS

PRODUCT : ROSE BENGAL 90%
 (ACID RED 94)
 C.I. NO. : 45440
 C.A.S.NO. : 632 - 69 - 9

TYPICAL COA

<u>Tests</u>	<u>Results</u>	<u>Specification</u>
1. Appearance	- Dark red powder	(Red to brown to red purple pd)
2. Solubility 0.1% (dist. water)	- Red solution	(Passes test)
3. Absorption maximum(water + Na ₂ CO ₃)-	547.8 nm	(546-550nm)
4. Absorptivity (A1%/ 1cm) (Dist. water +1ml 1% Na ₂ CO ₃ Sol ⁿ)	- 933	(> 910)
5. Dye content (by spectrophotometry)	- 92.3%	(> 90%)
6. Loss on drying at 110°C (1hr.)	- 7.36 %	(< 10%)

Mfg.Date : AUG - 2021
 Exp.Date : JULY - 2027

ESJAY Chemicals

U.S. Matre
 Analytical Dept