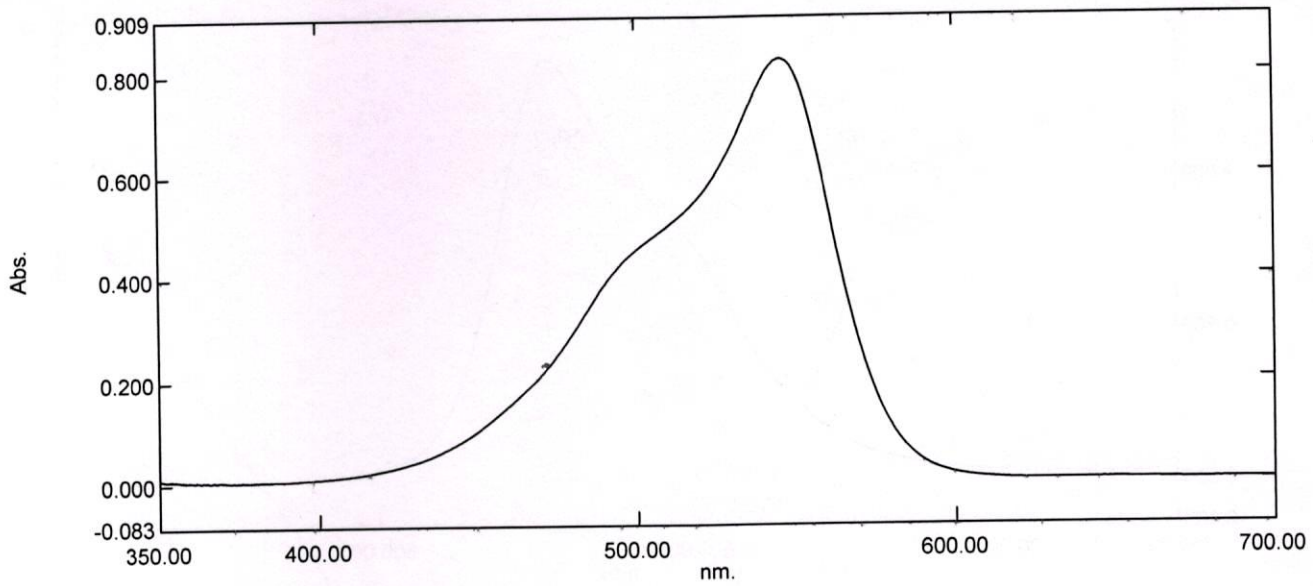


Product Name : p - ROSANILINE HCL , c=3mg/Lt
 Analyst: U.S.Matre
 Department: Analytical
 Organisation: ESJAY CHEMICALS



No.	P/V	Wavelength	Abs.	Description
1	Ⓢ	545.80	0.826	

CERTIFICATE OF ANALYSIS

PRODUCT : p - ROSANILINE HCL
 (BASIC RED 9)
 C.A.S. NO. : 569 - 61 - 9
 C.I.NO. : 42500

TYPICAL COA

<u>Tests</u>	<u>Results</u>	<u>Specification</u>
1. Appearance	- Dark green crystalline pd	(Green to very dark green Powder or crystals)
2. Solubility 0.1% (50% Ethanol)	- Clear red solution	(Passes test)
3. Absorption maximum(50% Ethanol)	- 545.8nm	(543-549nm)
4. Absorptivity 1%/ 1cm,(50% Ethanol)	- 2750	(> 2470)
5. Extinction coefficient at 545.8 nm	- 89053	(> 80000)
6. Dye content (by spectrophotometry)	- 94.6 %	(> 85%)
7. Loss on drying at 110°C (1hr)	- 6.47%	(< 10%)

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

ESJAY Chemicals

U.S. Matre
 Analytical Dept