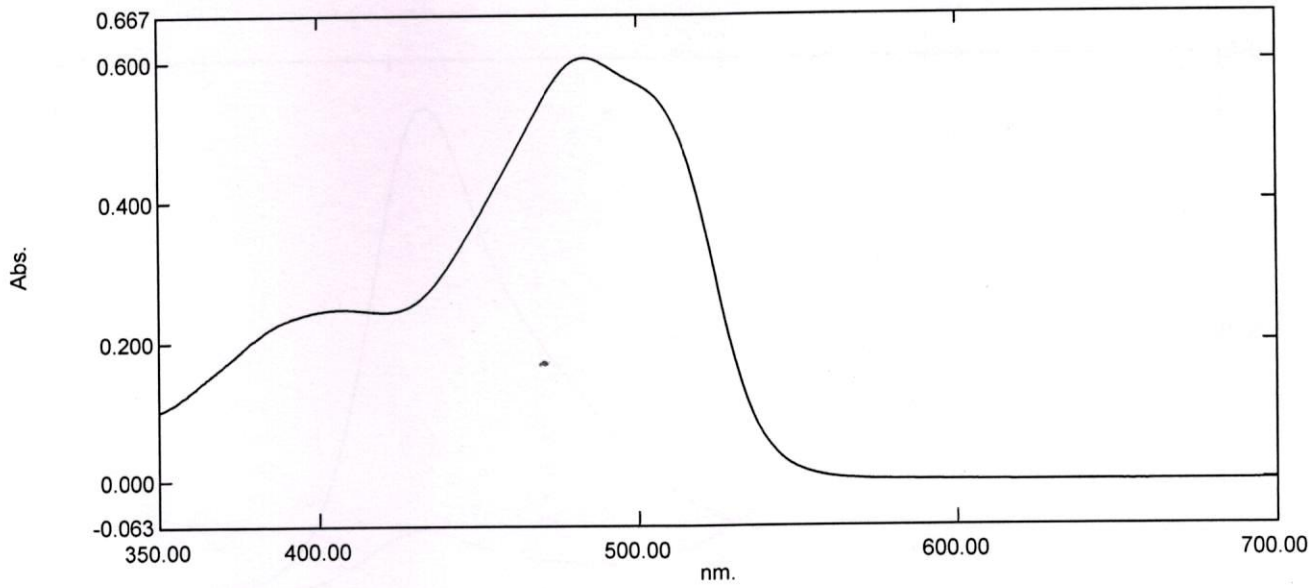


Product Name : CROCEIN ORANGE G , c=10mg/Lt
 Analyst: U.S.Matre
 Department: Analytical
 Organisation: ESJAY CHEMICALS



No.	P/V	Wavelength	Abs.	Description
1	Ⓢ	483.40	0.606	
2	Ⓢ	408.00	0.246	

CERTIFICATE OF ANALYSIS

PRODUCT : CROCEIN ORANGE G
 CAS.NO. : 1934-20-9
 C.I.NO. : 15970

TYPICAL COA

<u>Tests</u>	<u>Results</u>	<u>Specification</u>
1. Appearance	- Dark Orange powder	(Passes test)
2. Solubility in 0.1% (Dist. water)	- Clear orange Solution	(Passes test)
3. Absorption maximum (Dist. water)	- 483.4nm	(482 – 486nm)
4. Absorptivity 1%/1cm (Dist. Water)	- 606	(> 457)
5. Dye content (by spectrophotometry)	- 92.8%	(>70 %)
6. Loss on drying (110°C)(1hr)	- 3.52%	(<5%)

Mfg.Date: JUNE- 2020
 Exp.Date : MAY- 2026

ESJAY Chemicals

U.S. Matre
 Analytical Dept