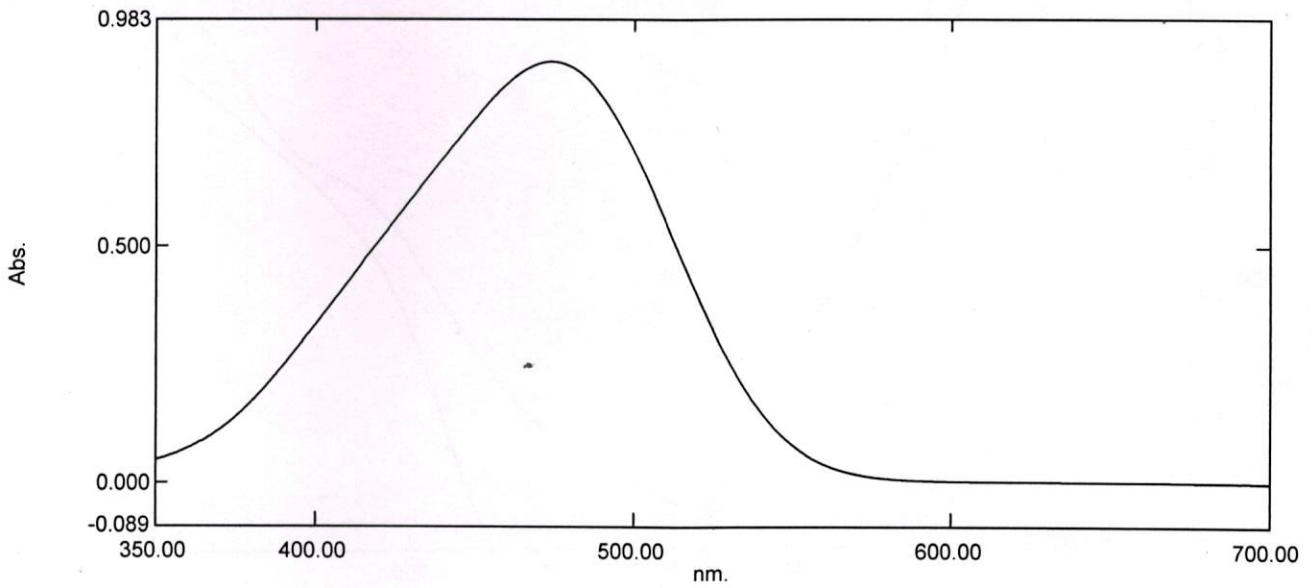


Product Name : ETHYL ORANGE SODIUM SALT, c=10mg/Lt  
 Analyst: U.S.Matre  
 Department: Analytical  
 Organisation: ESJAY CHEMICALS



No.	P/V	Wavelength	Abs.	Description
1	①	474.20	0.893	

### CERTIFICATE OF ANALYSIS

PRODUCT : ETHYL ORANGE SODIUM SALT  
 CAS NO. : 62758-12-7

### TYPICAL COA

#### Tests

#### Results

#### Specification

1. Appearance	- Orange powder	(Passes test)
2. Transition range	- pH 3.0 - 4.5 Red - Yellow orange	(Passes test)
3. Solubility 0.1%(Water)	- Clear orange solution.	(Passes test)
4. Absorption maximum (in water)	- 474.2nm	(472 - 477nm)
5. Absorptivity 1%/ 1cm, (in water)	- 893	(> 825)
6. Dye content (by spectrophotometry)	- 97.4 %	(> 90%)
7. Loss On Drying at 110°C(1hr)	- 3.21%	(< 5%)

Mfg.Date : JUNE - 2019

Exp.Date : MAY - 2025

ESJAY Chemicals

*U.S. Matre*  
 Analytical Dept.