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Supp. 1.

Chromatograms of extracts of yellow dyestuff taken from paint tube of Jan Matejko by using: A) formic acid, B) tartaric acid, C) oxalic acid, D) citric acid E) TFA, G) acetylacetone extraction methods. For chromatographic conditions see Table1.



Supp. 2. Mass spectra of euxanthic acid



Supp.3. Mass spectra of metyl euxanthonate



Supp.4. Mass spectra of O-methylated methyl euxanthonate



Supp.5. Mass spectra of euxanthone



Supp.6. Mass spectra of synthetic euxanthone



Supp.7. Mass spectra of methylated euxanthone

x10 ⁵ 2.3 -	-ESI Scan Frag=200.0V trimethylated euxanthone_HCI extract
22-	
21-	$H_2C - O'$
2 -	
- 19-	
1.0	
1.0	
1.7	
1.0	
1.5	
1.4	
1.3	
1.2 -	
1.1 -	
1 -	δ
0.9 -	
0.8 -	
0.7 -	
0.6 -	
0.5 -	
0.4 -	33 33 31 - H - H - 106 - 20 05 - 20 - 20 - 20 - 20 - 20 - 20 -
0.3 -	
0.2 -	
0.1 -	
0	
	50 75 100 125 150 175 200 225 250 275 300 325 350 375 400 425 450 475 500 525 550 575 600 625 650 675 700 725 750 775 800 825 850 875 900 925 950

Supp. 8. Mass spectra of trimethylated euxanthone



Supp. 9. SEM image of the Indian Yellow paint sample obtained using: a) backscattered electrons (BSE) detector, b) map of elemental distribution within the sample showing Fe, Si, Ca obtained with energy dispersive X-ray spectrometer (EDX); photography by . G. Trykowski