



## SUPPORTING INFORMATION (SI)

Research Article (Extended Abstract available in English)

### A Simple spectrofluorimetric method to determine Sudan I dye in spices

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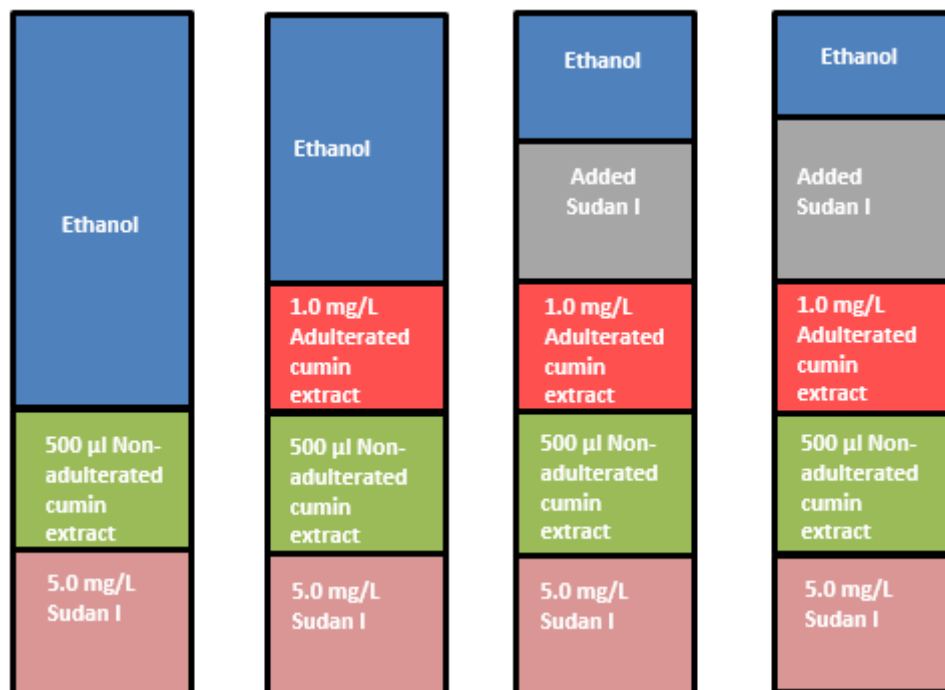
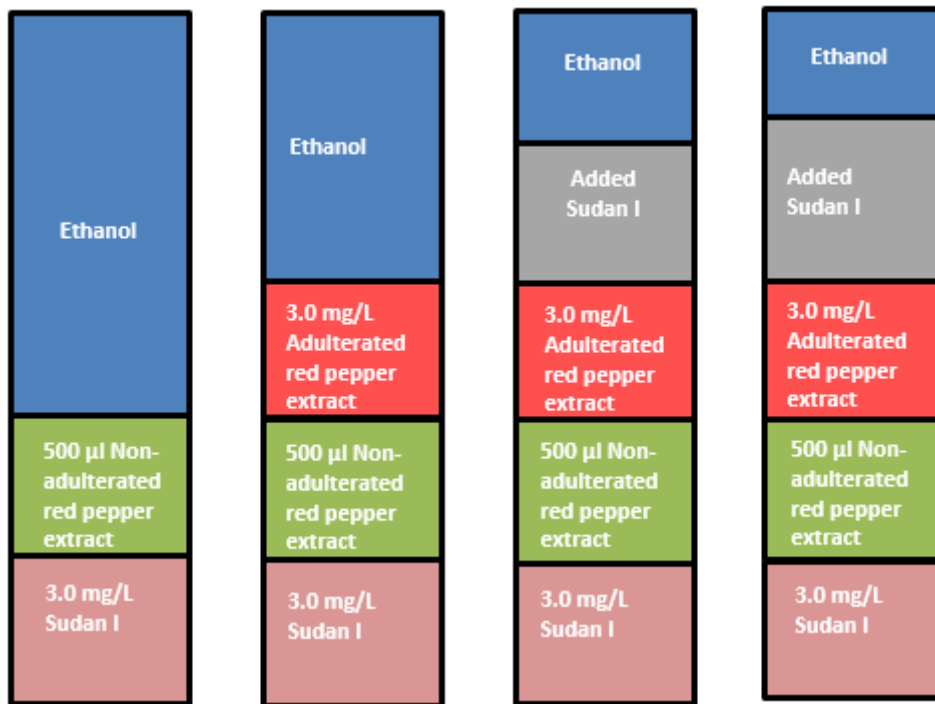
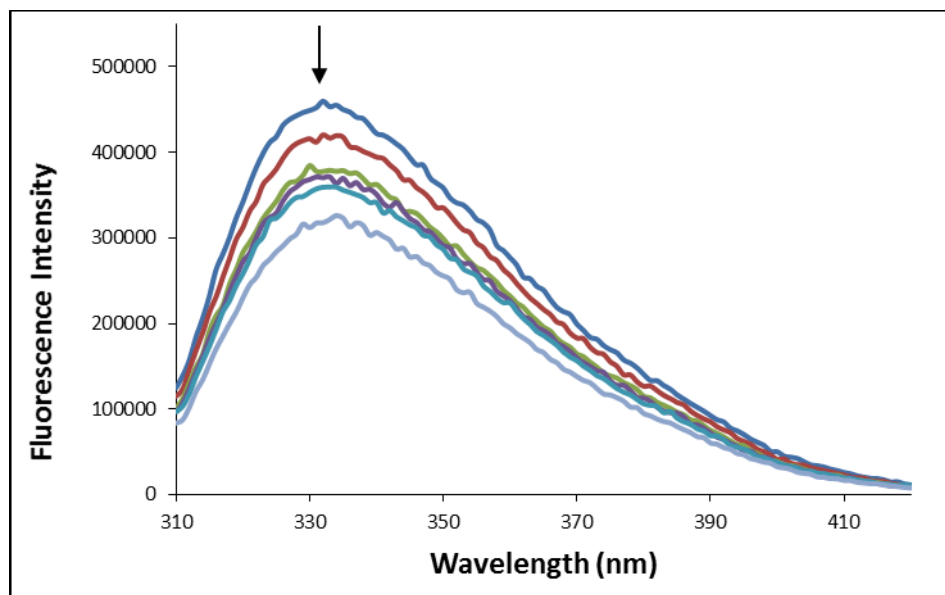


Fig. S1. The contents of the solutions used in the modified standard addition method for cumin. Sudan I concentration: 1.0 mg/L.



**Fig. S2.** The contents of the solutions used in the modified standard addition method for red pepper. Sudan I concentration: 3.0 mg/L.



**Fig. S3.** The change in the fluorescence spectra of the solution used in the modified standard addition method for red pepper. Sudan I concentration: 3.0 mg/L.

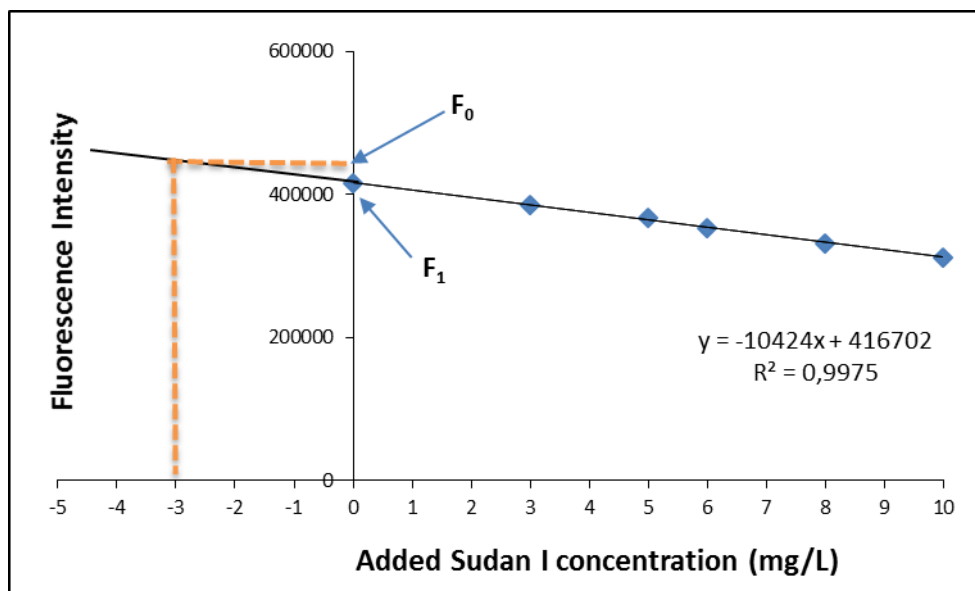


Fig. S4. Modified standard addition graph used for Sudan I determination in red pepper. Sudan I concentration: 3.0 mg/L.

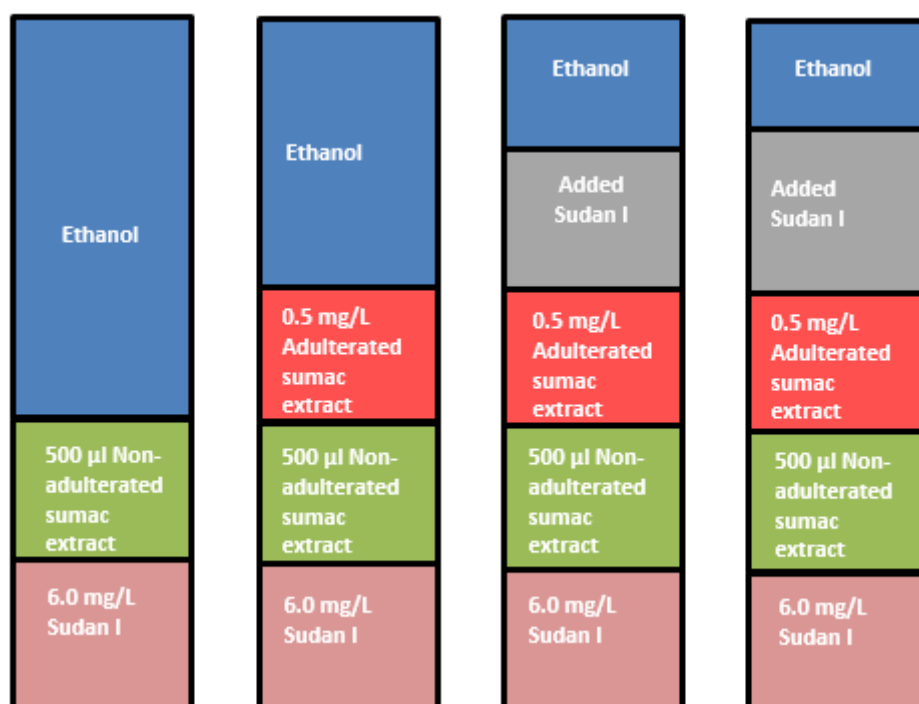
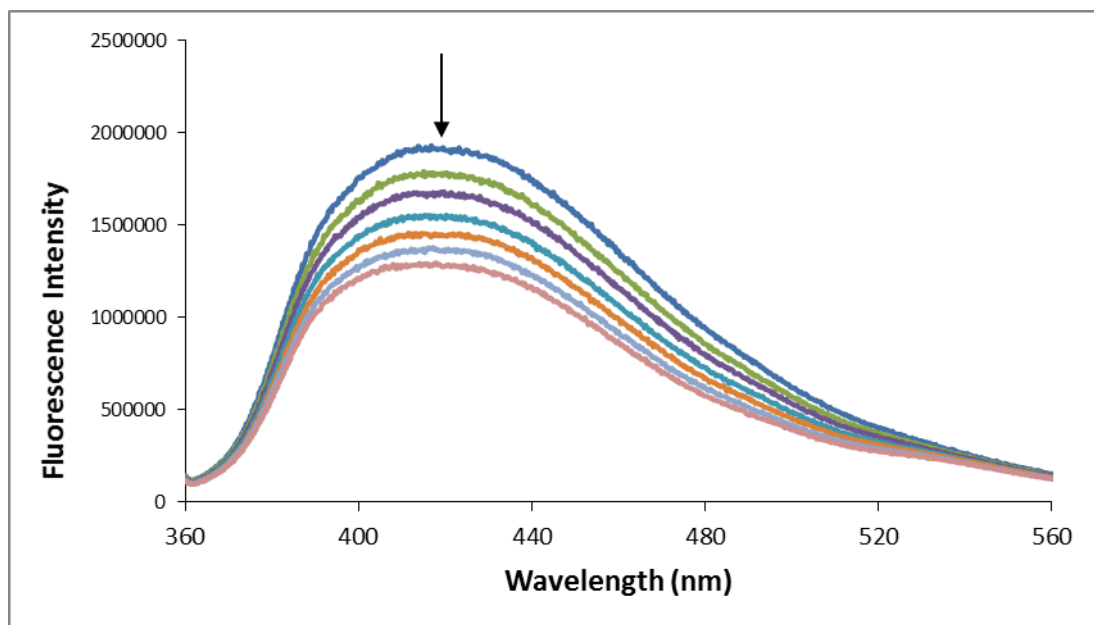
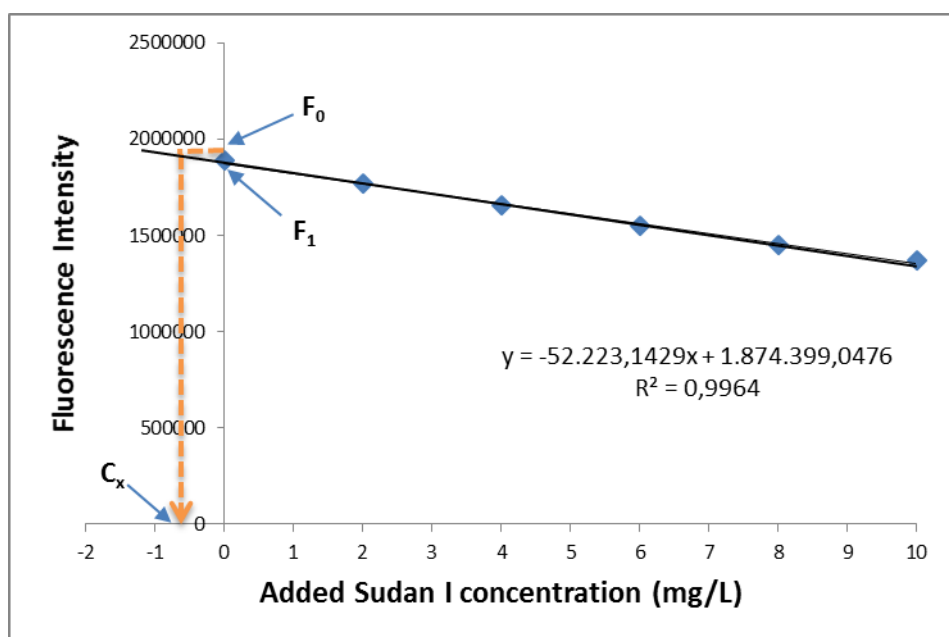


Fig. S5. The contents of the solutions used in the modified standard addition method for sumac. Sudan I concentration: 0.5 mg/L.



**Fig. S6.** The change in the fluorescence spectra of the solution used in the modified standard addition method for sumac. Sudan I concentration: 0.5 mg/L.



**Fig. S7.** Modified standard addition graph used for Sudan I determination in sumac. Sudan I concentration: 0.5 mg/L.