

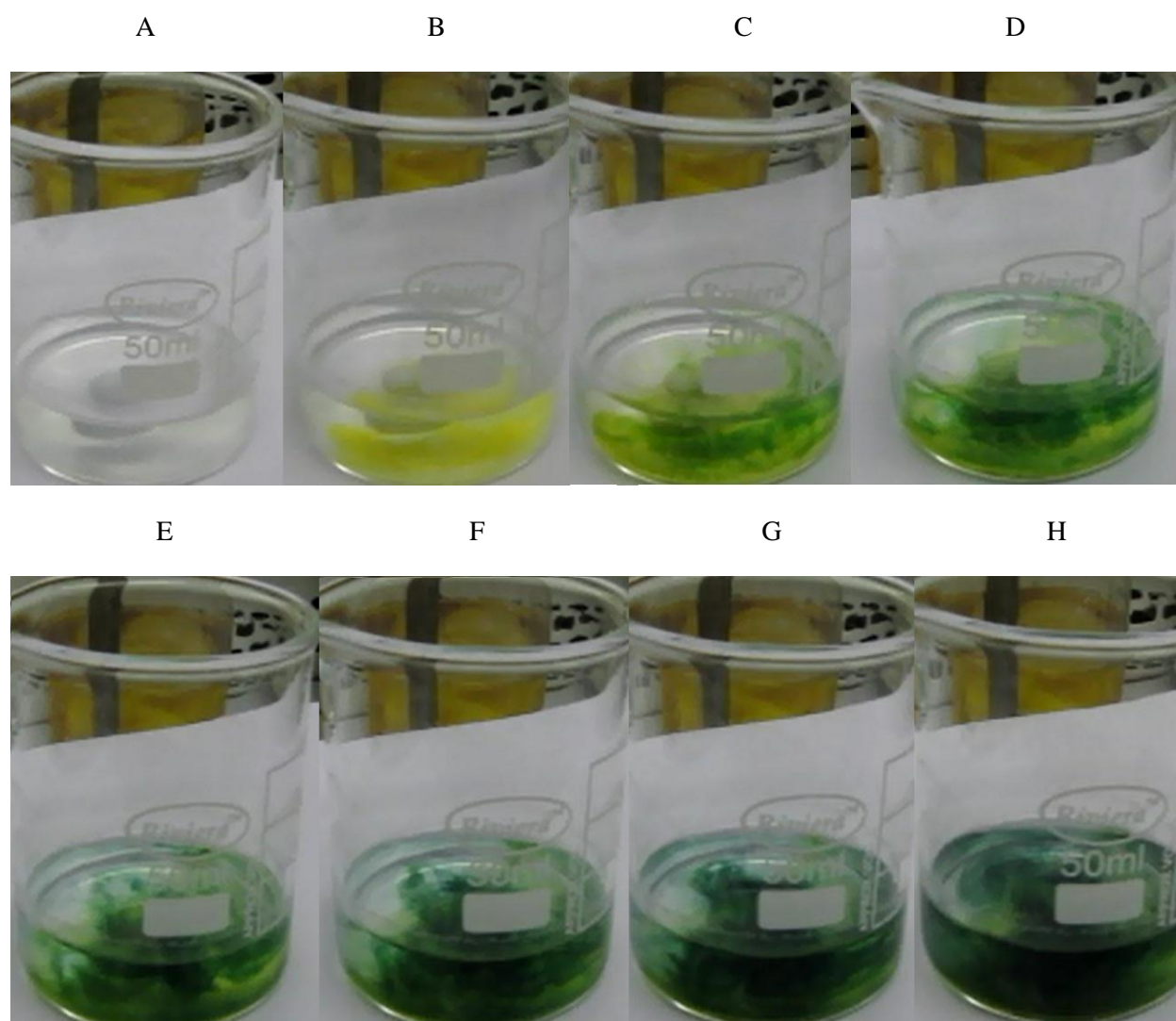
## Supporting Informations For

### A new visual test for *p*-quinone and its relevance to biodiesel industry

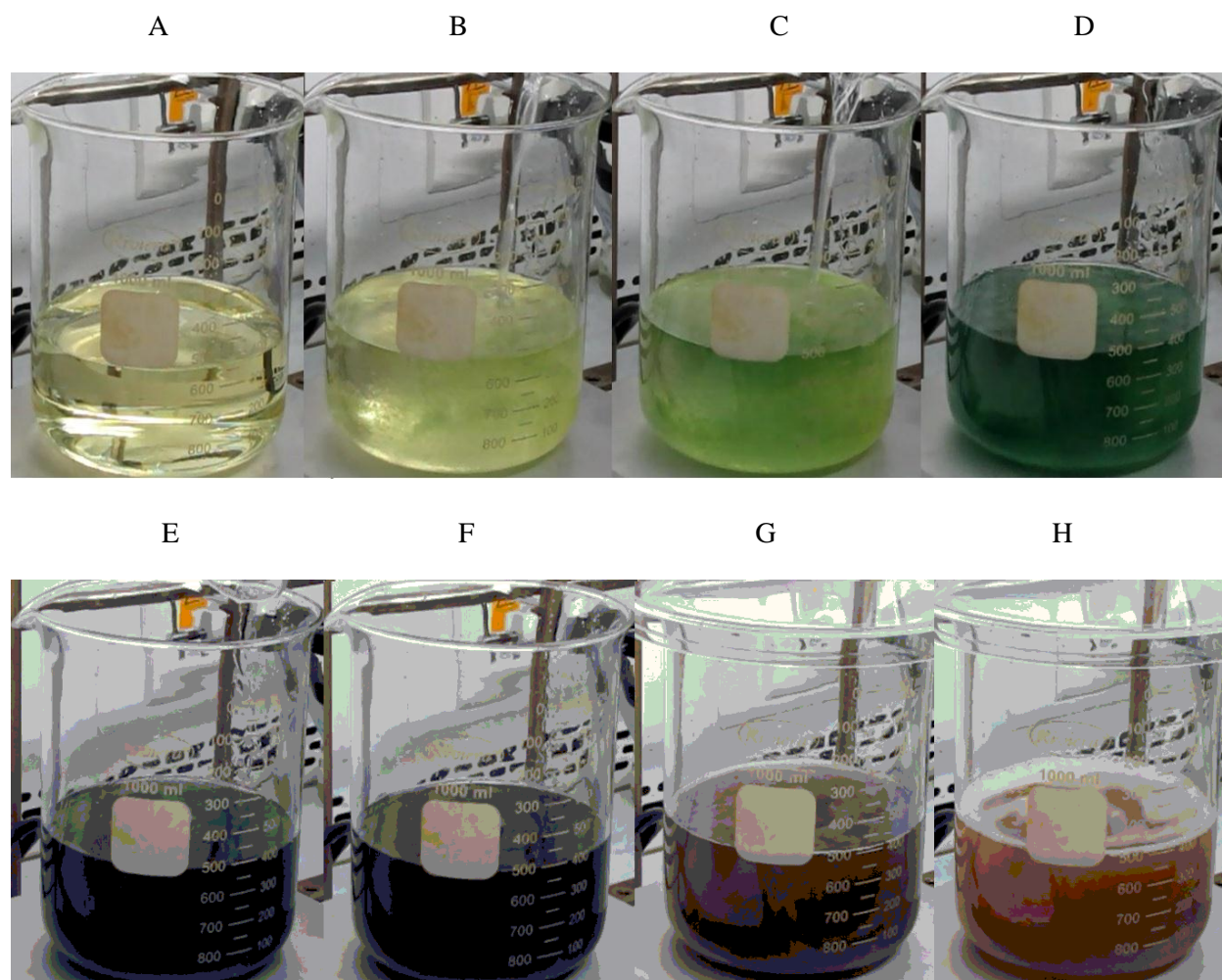
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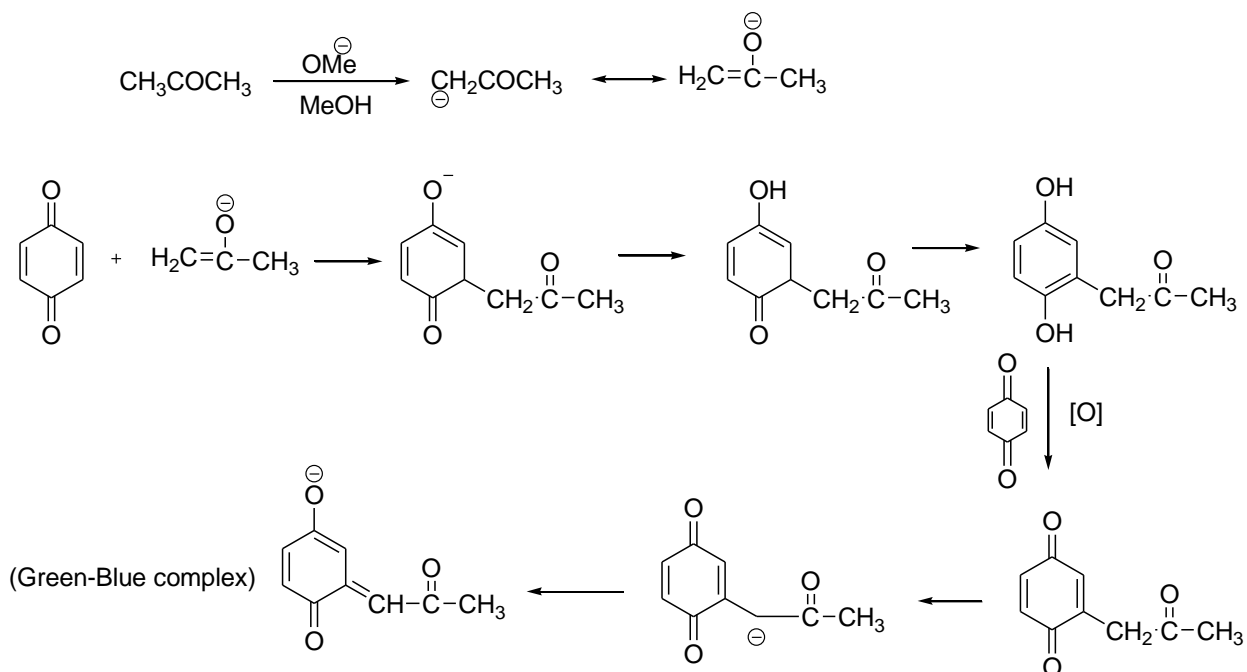
#### SUPPLEMENTARY DATA



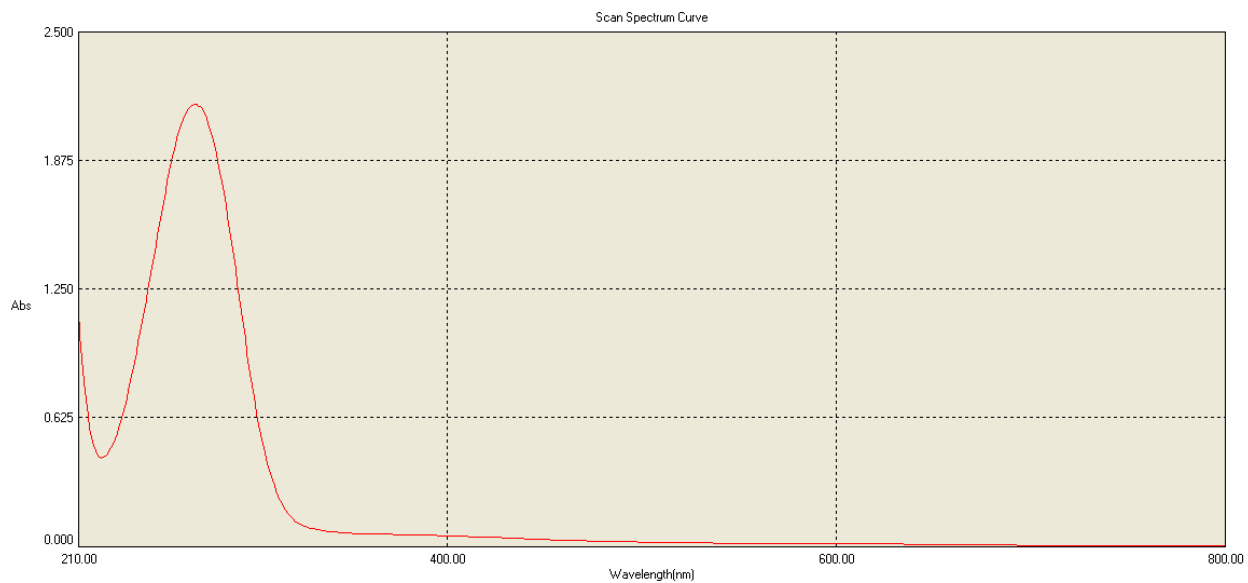
**Figure S1.** Progression of colour change in a mixture containing acetone and methoxide (A) followed by addition of negligible amount of *p*-quinone (B-H).



**Figure S2.** Progression of colour change (A to H) during the synthesis of biodiesel from commercially available soybean oil (Fortune brand) using acetone and methoxide as a co-solvent and catalyst, respectively.



**Figure S3.** Mechanism of formation of green-blue complex with acetone and methoxide in presence of *p*-quinone.



**Figure S4.** UV-Vis spectra of the green-blue complex on addition of *p*-quinone into the mixture of acetone and methoxide solution.