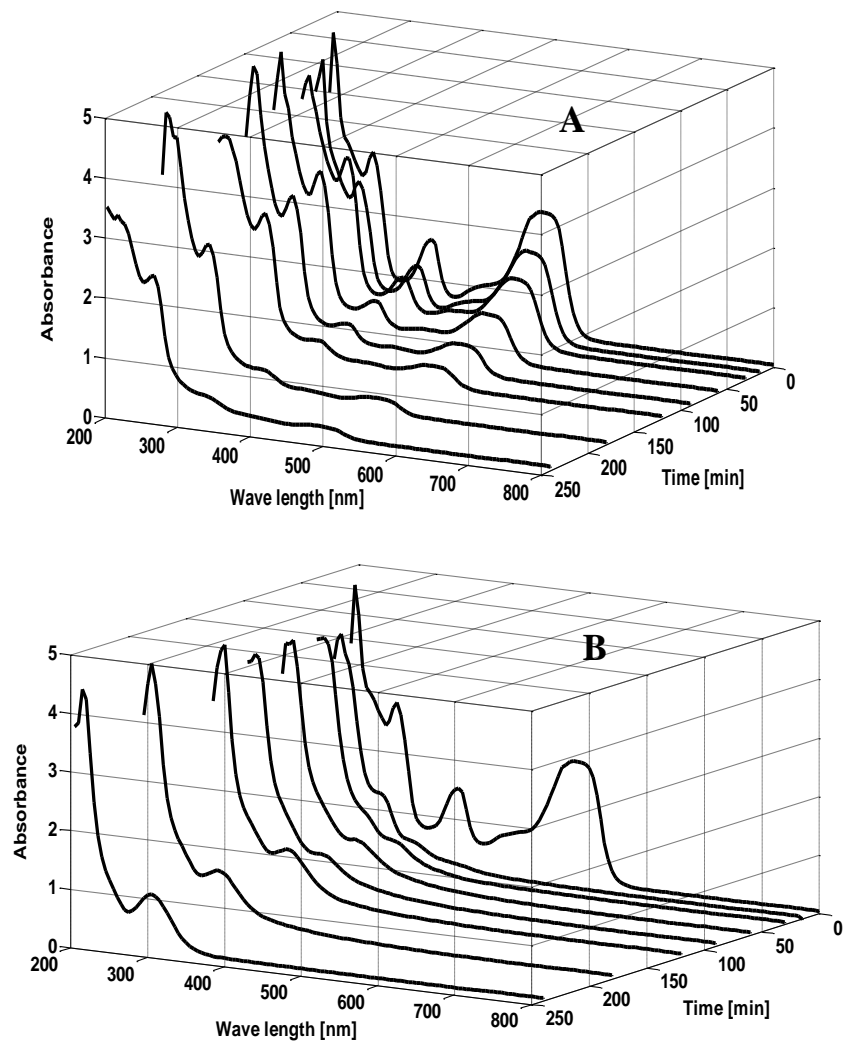


**Fig. S1.** Variation of the percentage of OG removed at 480 nm with pH in KCl and K<sub>2</sub>SO<sub>4</sub>.



**Fig. S2.** UV-visible spectra scan of OG function of time in (a)  $K_2SO_4$ , (b)  $KCl$ .

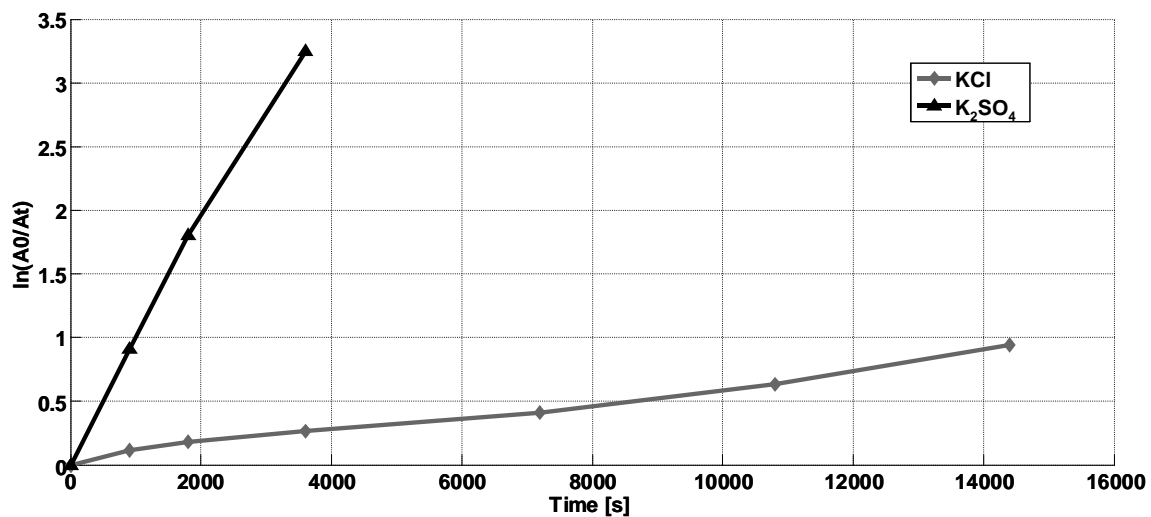
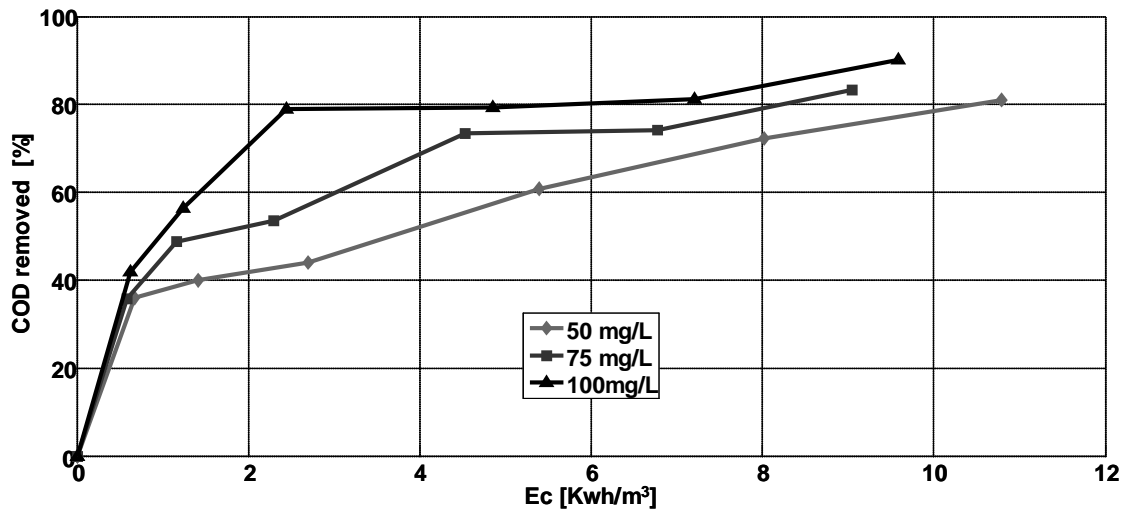


Fig. S3. First order kinetic model for degradation of OG in K<sub>2</sub>SO<sub>4</sub> and KCl.



**Fig. S4.** Change in percentage of COD removed for OG at different concentrations with electrical energy in KCl medium.