

## Supporting Information

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# Application of the localized surface plasmon resonance of silver nanoparticles for the determination of ethion in water samples

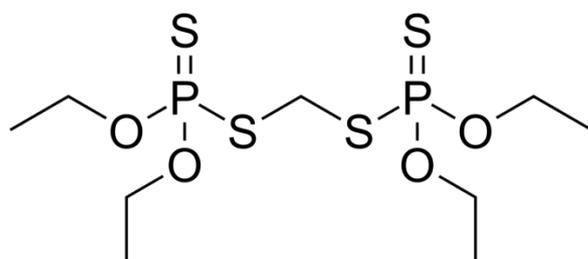
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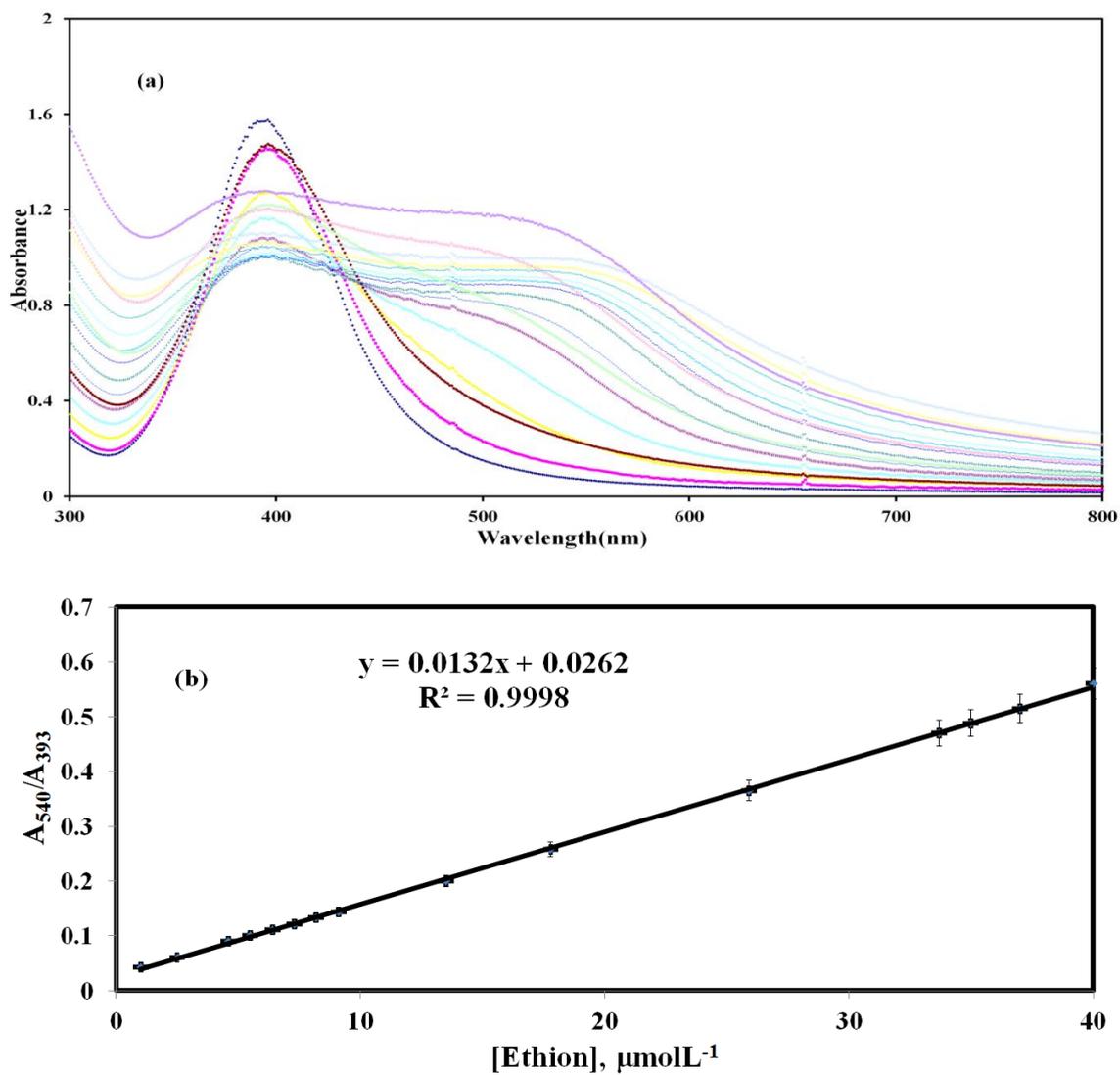
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**Figure S1:** Chemical structure of ethion.



**Figure S2:** (a) Typical absorption spectra of Ag-NPs (0.25 mM) in presence of different concentration of ET (1-40 μM) (b) Calibration curve of LSPR signal for ET in optimum conditions