

**Formation of High Quality Semiconductor Nanocrystals In Non-Coordinating**

**Solvent:**

**Tunable Reactivity of Monomers\*\***

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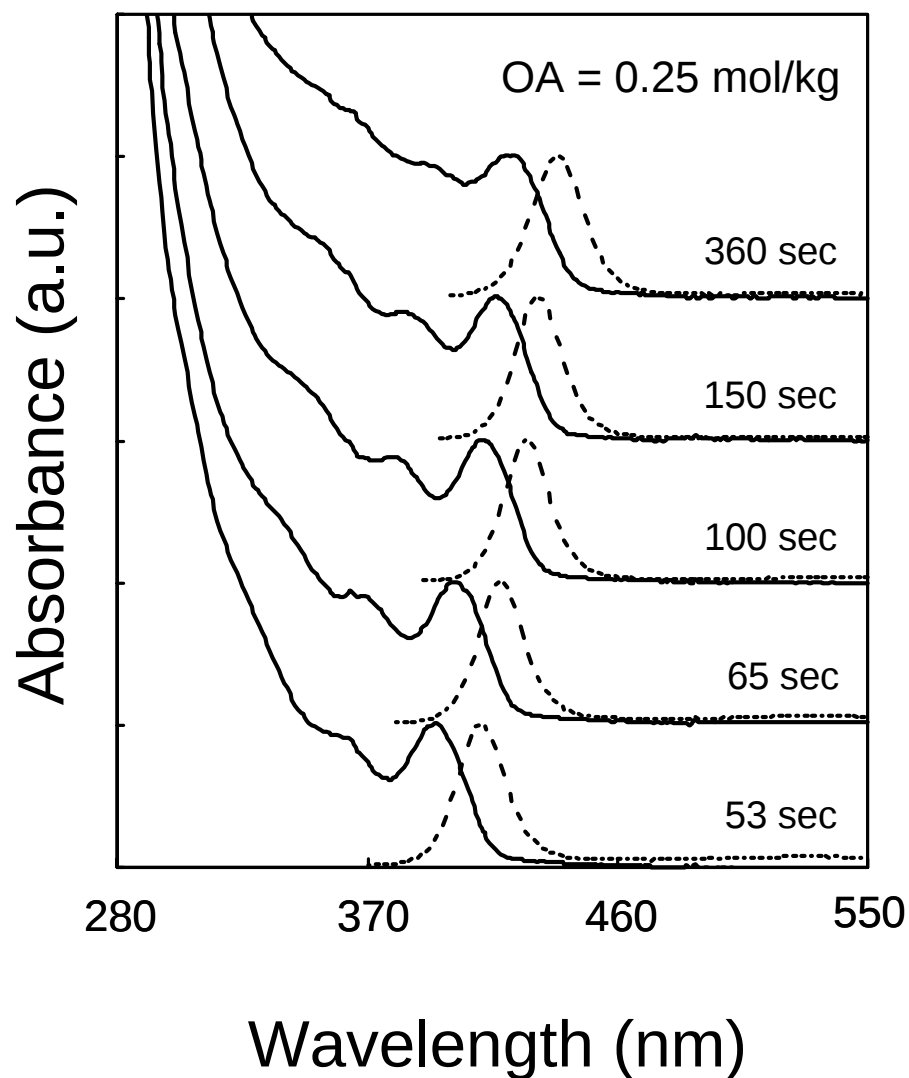
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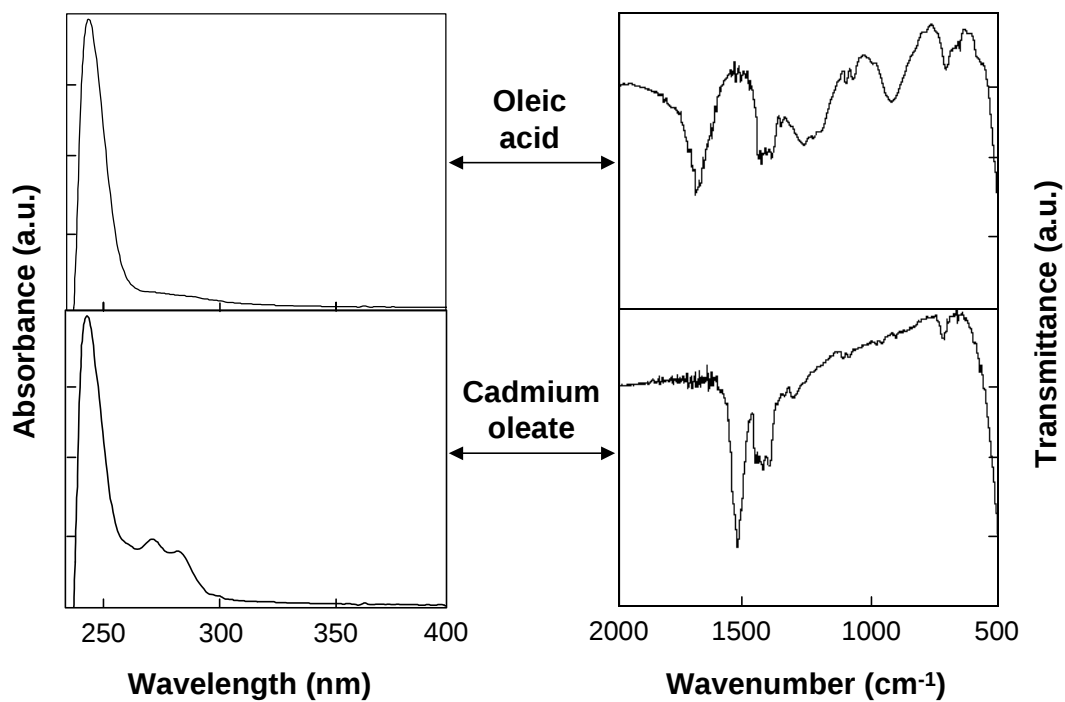
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The same reaction conditions as described in the test except that the whole operation was under air. Refer to Figure 1 with OA = 0.25 mol/kg.



UV-Vis and FTIR spectra of oleic acid and cadmium oleate. The UV-Vis signatures of those molecules were used as the indicators for the separation of the resulting nanocrystals and starting cadmium precursor.