

**Synthesis of Positively and Negatively charged CeO<sub>2</sub> Nanoparticles: Investigation of the Role of Surface Charge on Growth and Development of *Drosophila Melanogaster***

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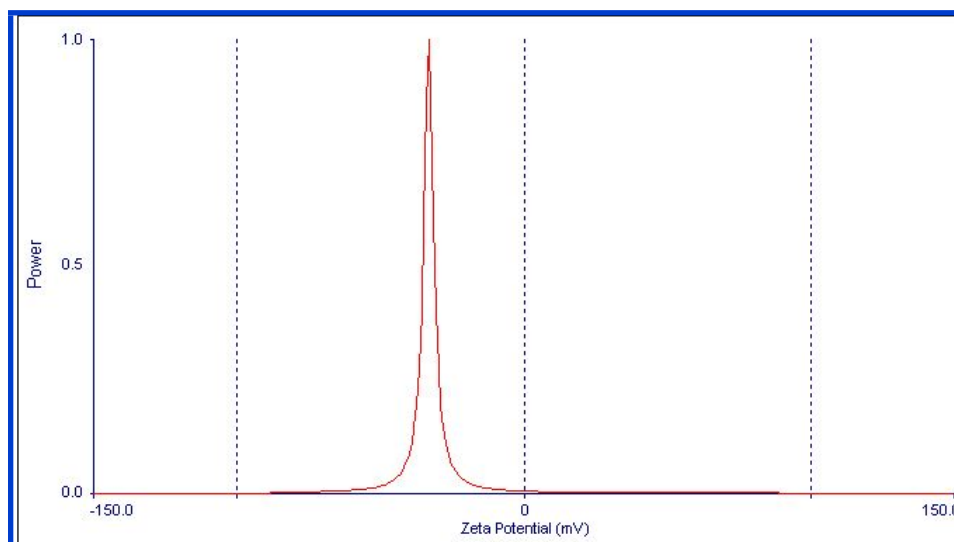


Figure S1. Zeta potential measurements of cerium oxide NPs stabilized with HMT.

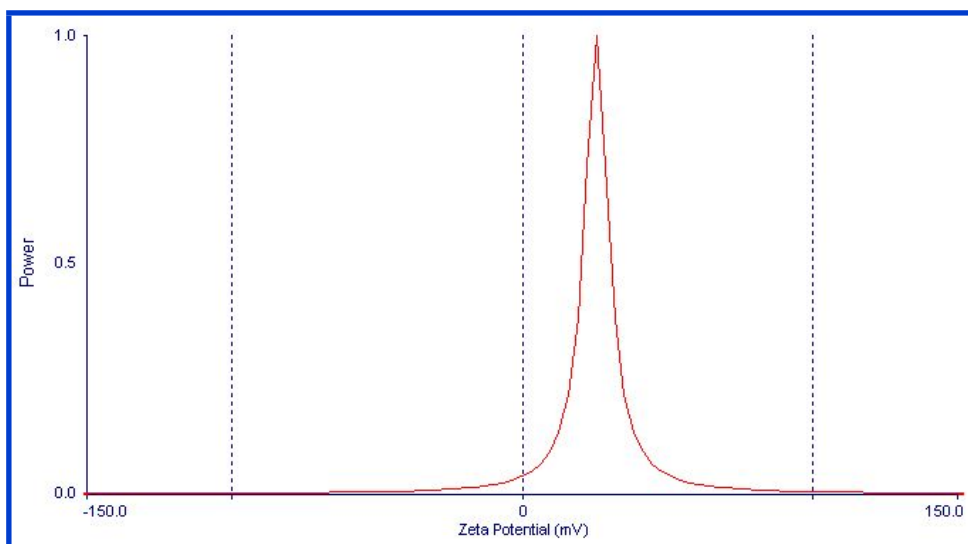


Figure S2. Zeta potential measurements of cerium oxide NPs stabilized with PVP.

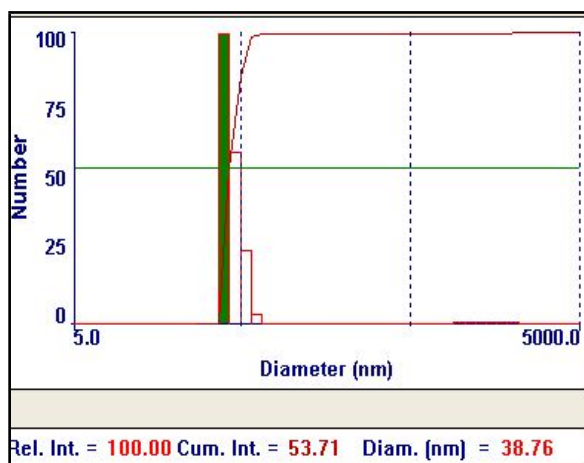


Figure S3. DLS measurements show the size of cerium oxide NPs at 5 h of synthesis process.

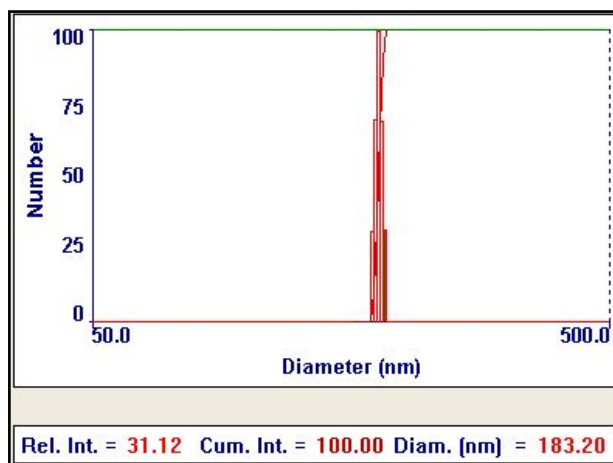


Figure S4. DLS measurements show the size of cerium oxide NPs at 10 h of synthesis process.

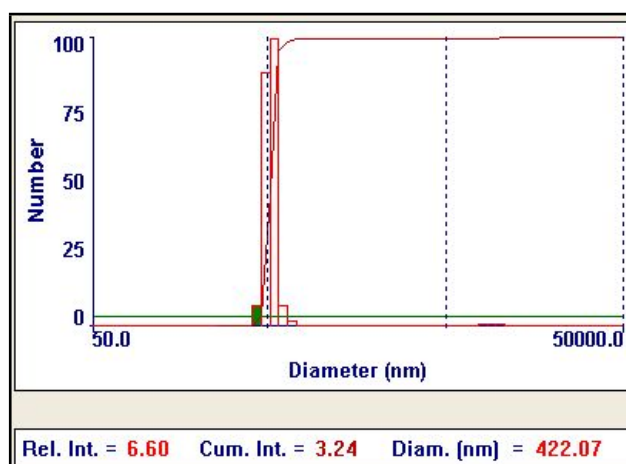


Figure S5. DLS measurements show the size of cerium oxide NPs at 30 h of synthesis process.