

Supplementary Materials: Enhanced Anticancer Activity of Nedaplatin Loaded Onto Copper Nanoparticles Synthesized Using Red Algae

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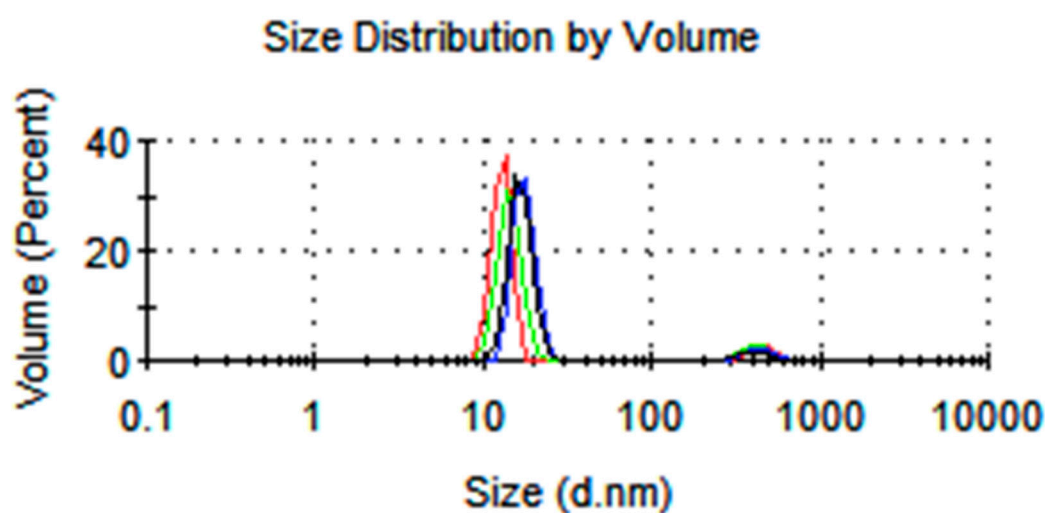


Figure S1. Size distribution curve for the biosynthesized copper nanoparticles at 25 oC and neutral pH.

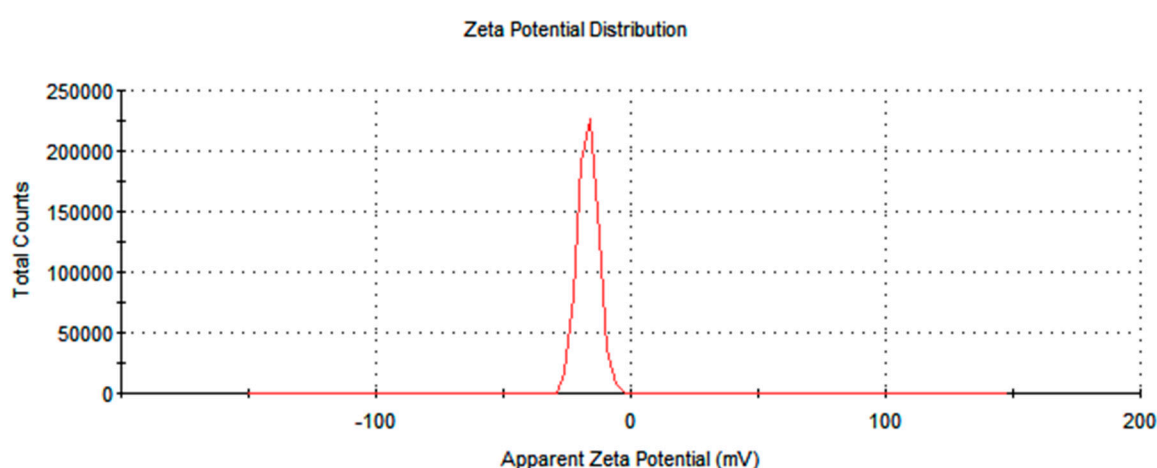


Figure S2. Zeta-potential for the biosynthesized copper nanoparticles at 25 oC and neutral pH.

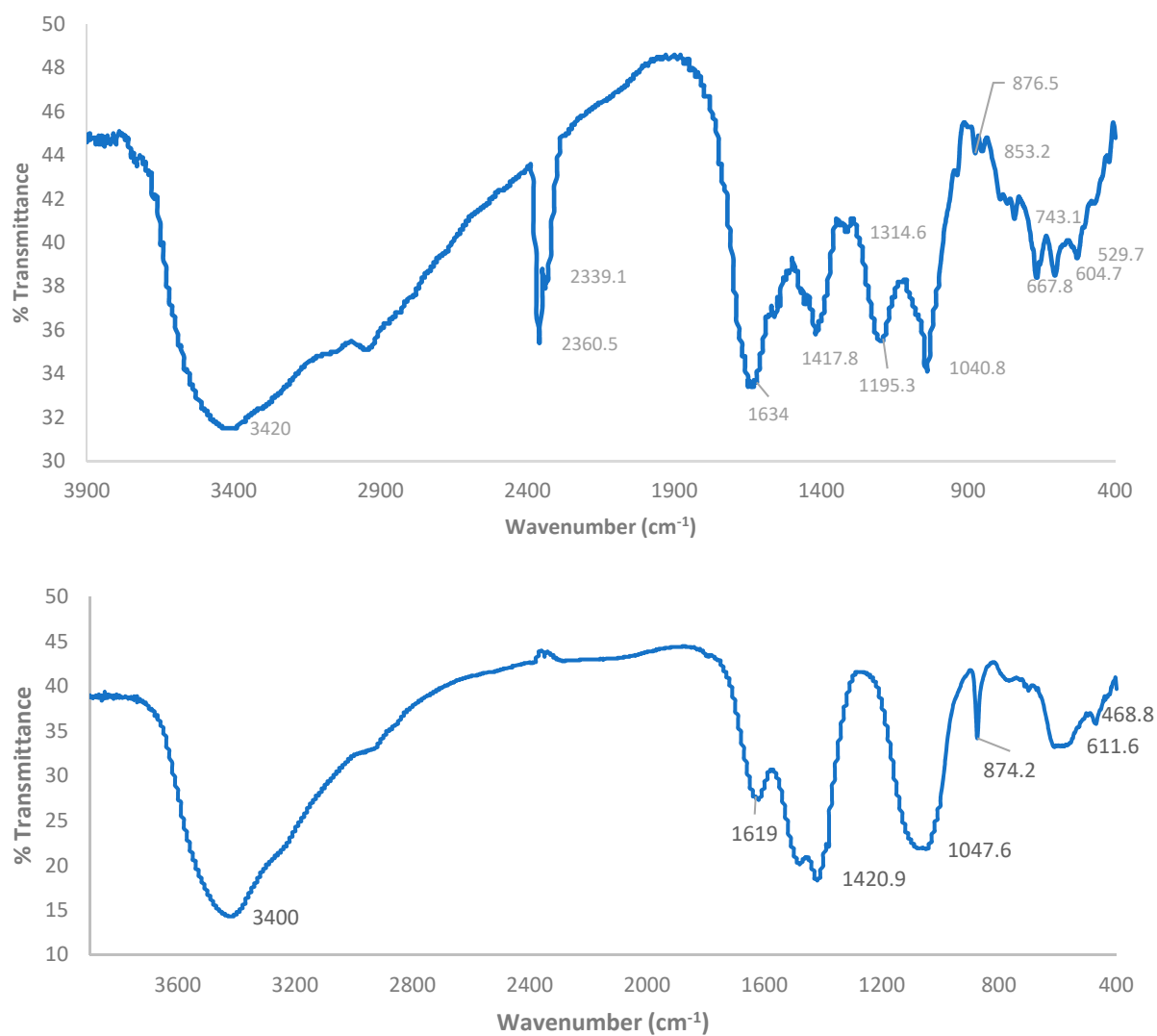


Figure S3. FTIR spectra of the algal extract (top panel) and Cu NPs (bottom panel).

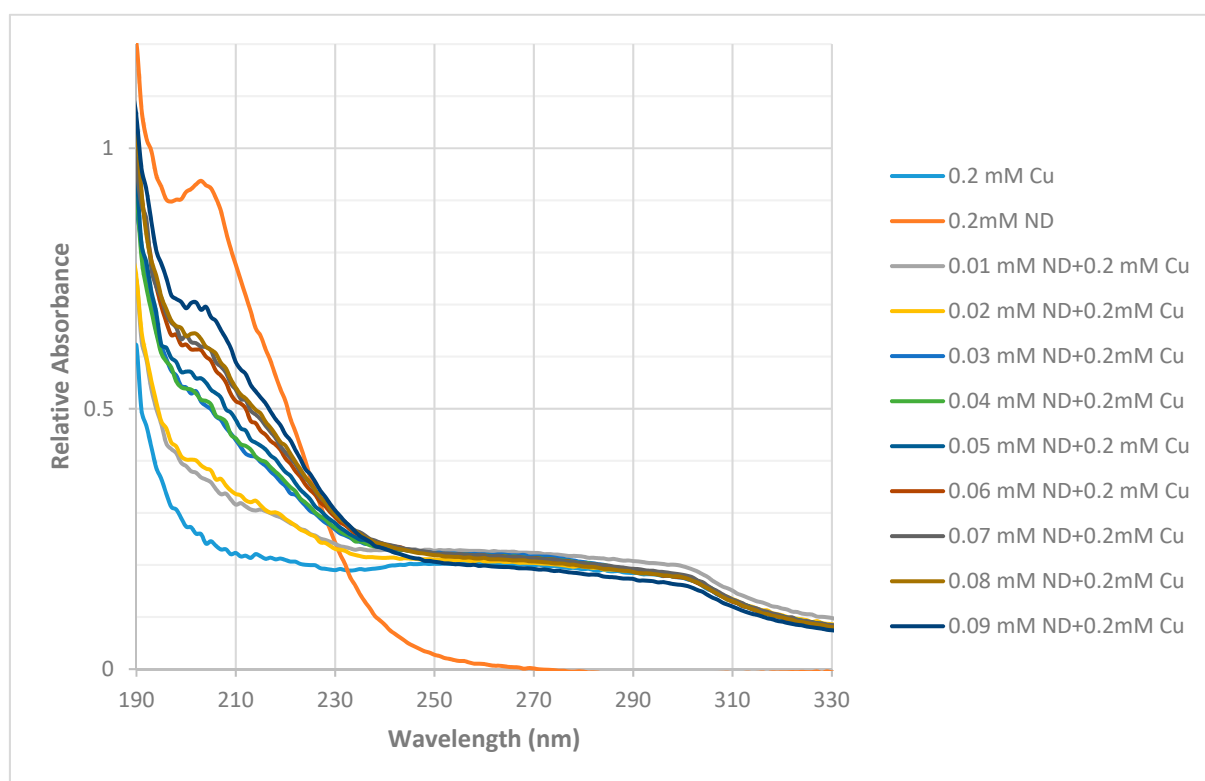


Figure S4. Absorbance spectra of 0.2 mM nedaplatin, 0.2 copper nanoparticles and several mixtures containing increasing concentration (ranging from 0.01-0.09 mM) of nedaplatin and a fixed concentration of 0.2 mM copper nanoparticles.

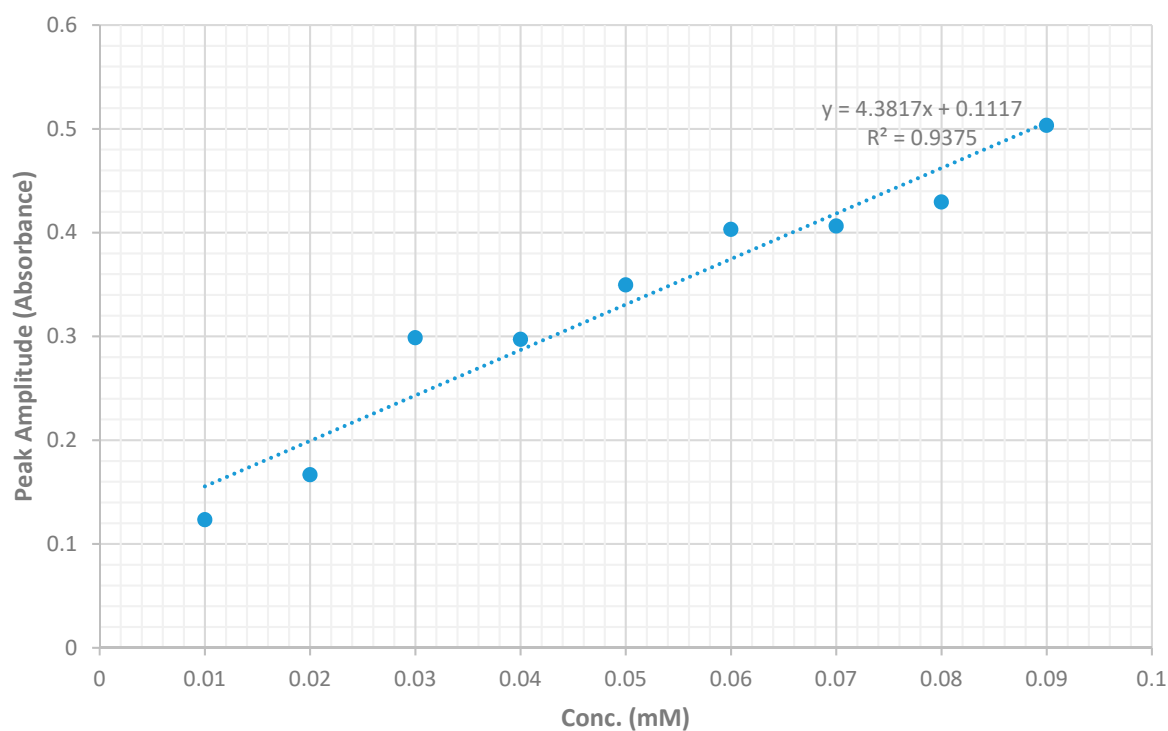


Figure S5. Peak amplitudes at 225 nm obtained from the mixture containing increasing concentration of nedaplatin from 0.01 mM to 0.09 mM and a 0.2 mM fixed concentration of copper nanoparticles.