

Supplementary Materials

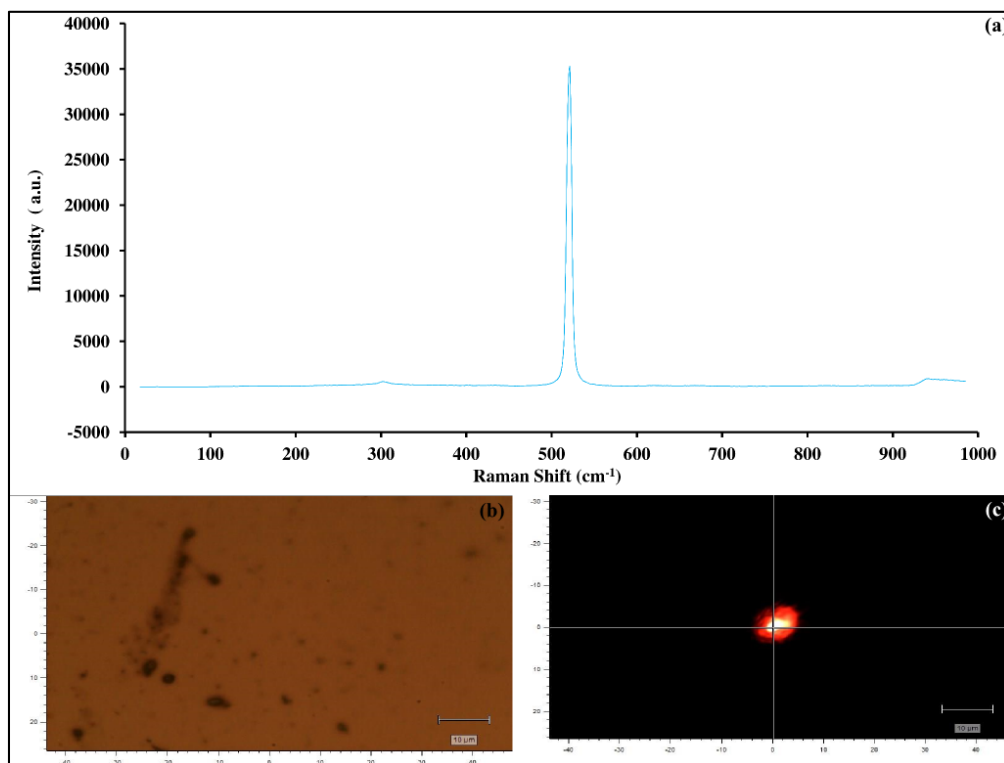


Figure S1. (a) Raman spectrum of solid silicon standard showing Raman peak at 520.5 cm^{-1} , which indicates that the Raman system is wavenumber-calibrated; (b) optical micrograph of solid silicon; and (c) optical micrograph of the laser spot.

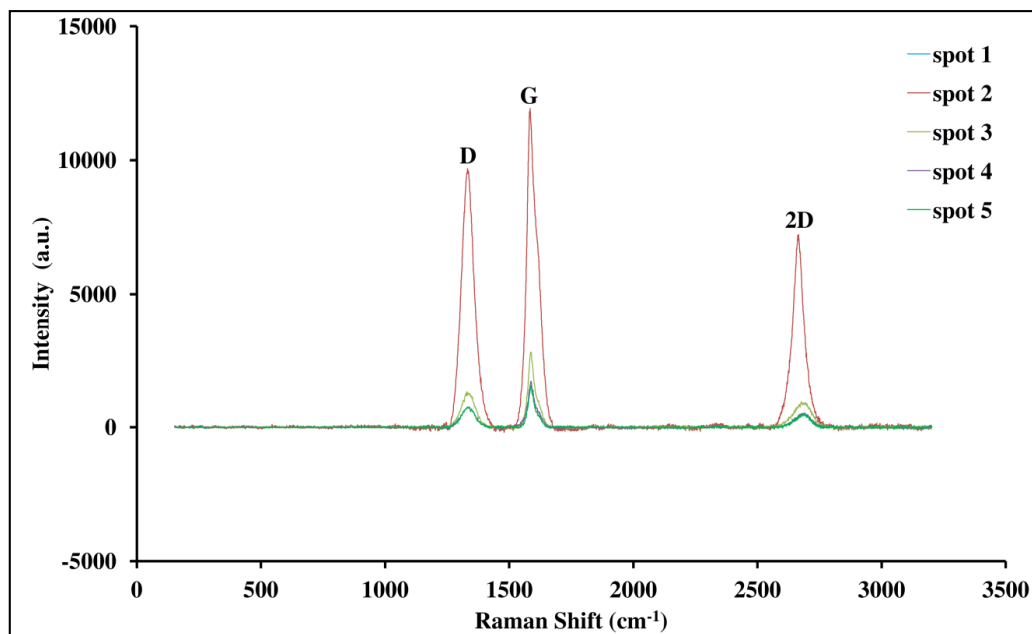


Figure S2. Raman spectrum of graphene-coated Cu-Ni alloy at different spots, showing the uniformity of graphene over the sample surface.