

Appendix A

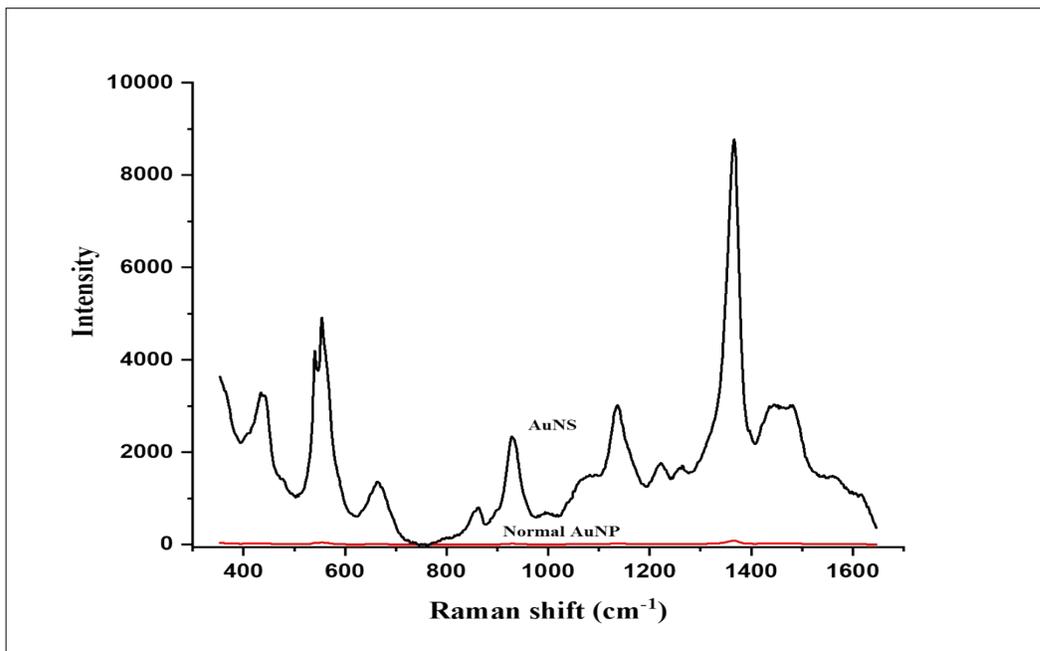


Figure S1. The comparison of SERS intensity between gold nanostars (AuNS) and normal gold nanoparticles (AuNP).

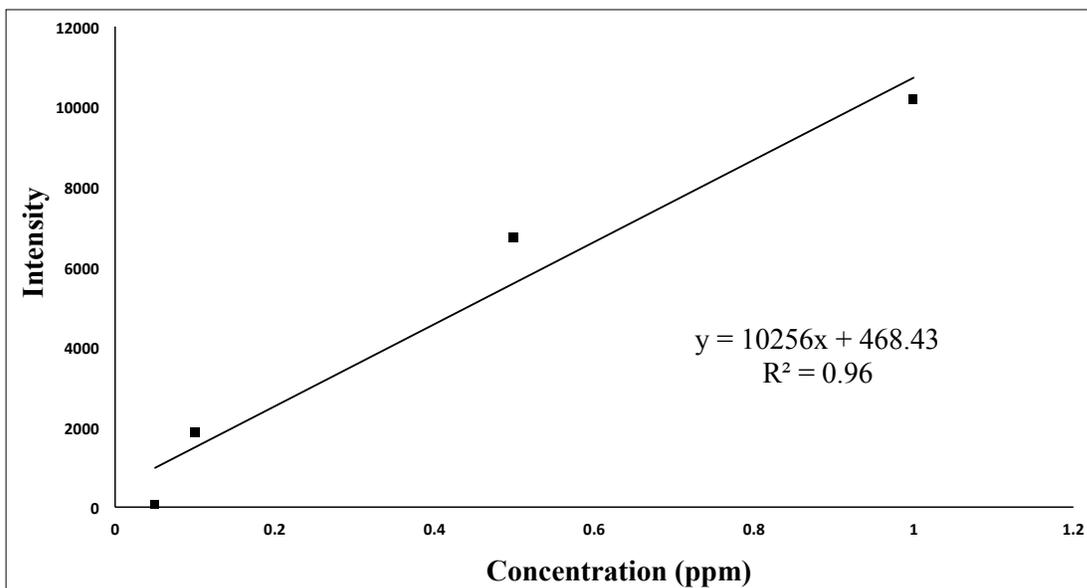


Figure S2. The calibration plot of the Raman peak intensity at 1372 cm⁻¹ and different concentrations of thiram solution.