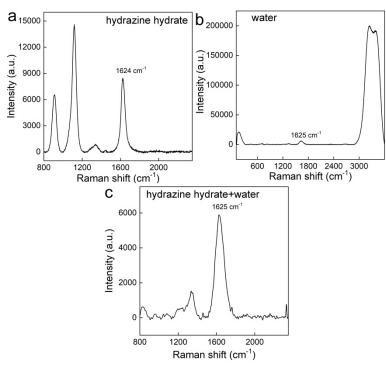
## **Supplementary materials**



**Figure S1.** Raman spectra of hydrazine hydrate (a), water (b) and hydrazine hydrate+water (c).

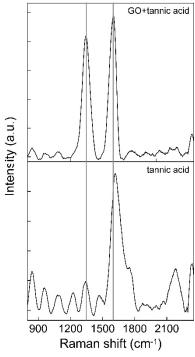


Figure S2. Raman spectra of GO+tannic acid (top) and tannic acid (bottom).