

### Supporting Materials

A novel purification method of activated carbon-supported carbon nanotubes using  
the mixture of  $\text{Ca}(\text{OH})_2$  and KOH as the ablation agent

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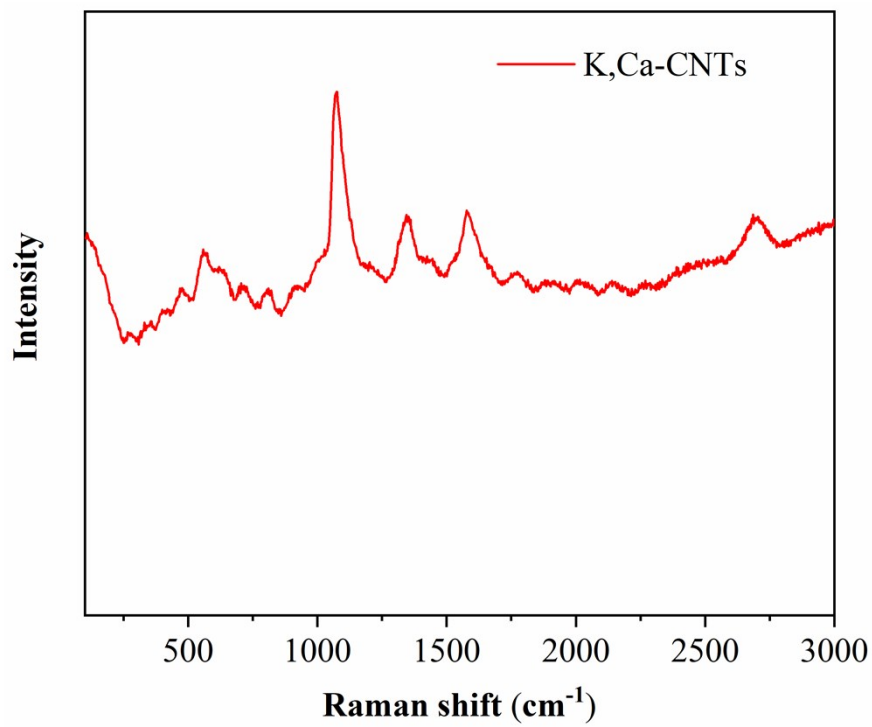


Figure S1. Raman spectra of K, Ca-CNTs.

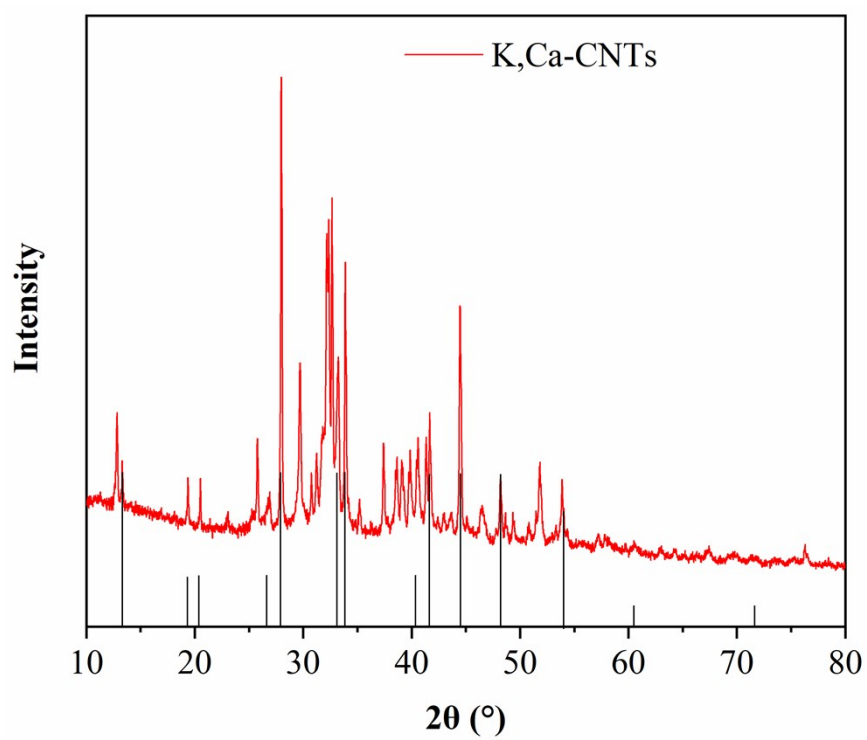


Figure S2. XRD spectra of K, Ca-CNTs.