



Figure S14. IR spectra of ZnO prepared using $[\text{Zn}(\text{acetate})_2(\text{Tris})_2]$, $[\text{Zn}(\text{acetate})_2(2\text{-thiazolamine})_2]$, $[\text{Zn}(\text{acetate})_2(\text{hydrazine})_2]$ and $[\text{Zn}(\text{acetate})_2(\text{ethylenediamine})]$.