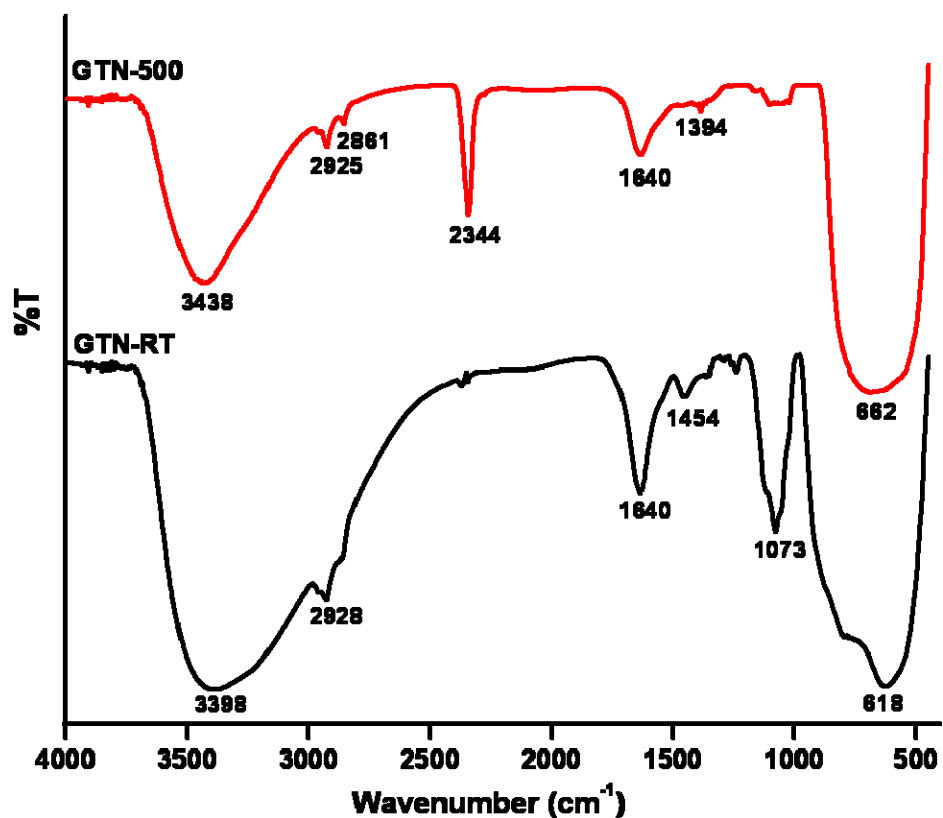


Electronic supplementary information



SI Fig. 1. FTIR spectra of GTN-RT and GTN-500 recorded in KBr supported pellets. GTN-RT: Unannealed Gd³⁺ doped amorphous TiO₂, GTN-500: GTN sample air annealed at 500°C.