

### Supplementary Information

A Facile Nonaqueous Route for Fabricating Titania Nanorods and their Viability in Quasi-Solid-State Dye-Sensitized Solar Cell

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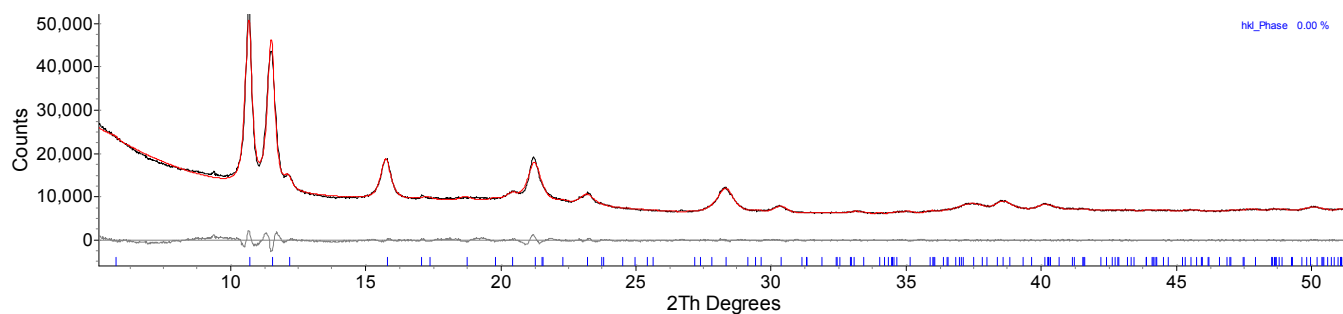


Figure S1. Pawley Fit of As-synthesized Titanium Glycerolate (Space group P2/c;  $a = 8.37515$  Å,  $b = 15.33781$  Å,  $c = 5.57151$  Å,  $b = 99.824$ )

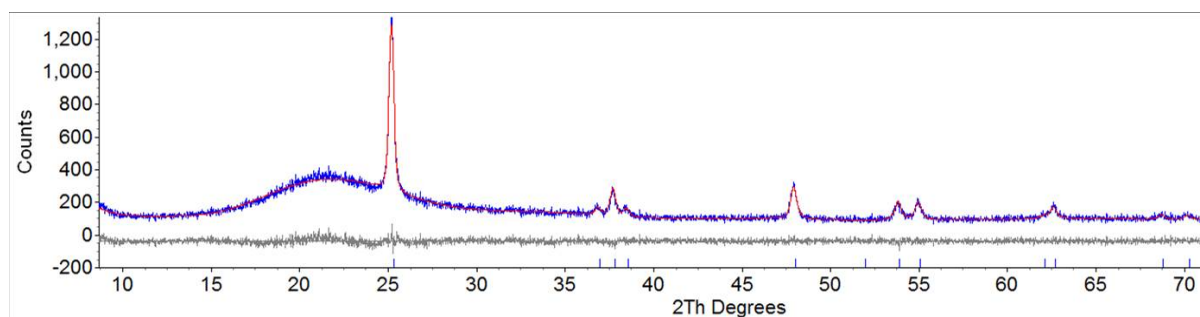


Figure S2. Rietveld fit to the PXRD pattern of anatase obtained as a single-phase product by thermal decomposition of the titanium glycerolate precursor ( $R_{wp} = 8.52\%$ ).

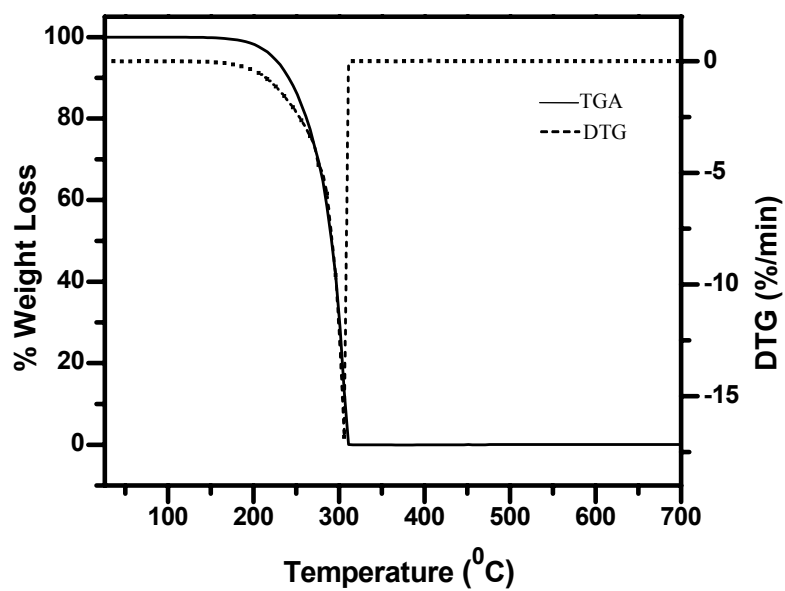


Figure S3. TGA pattern showing weight loss for pure Glycerol. The minimum for the DTG trace is at 307 °C.

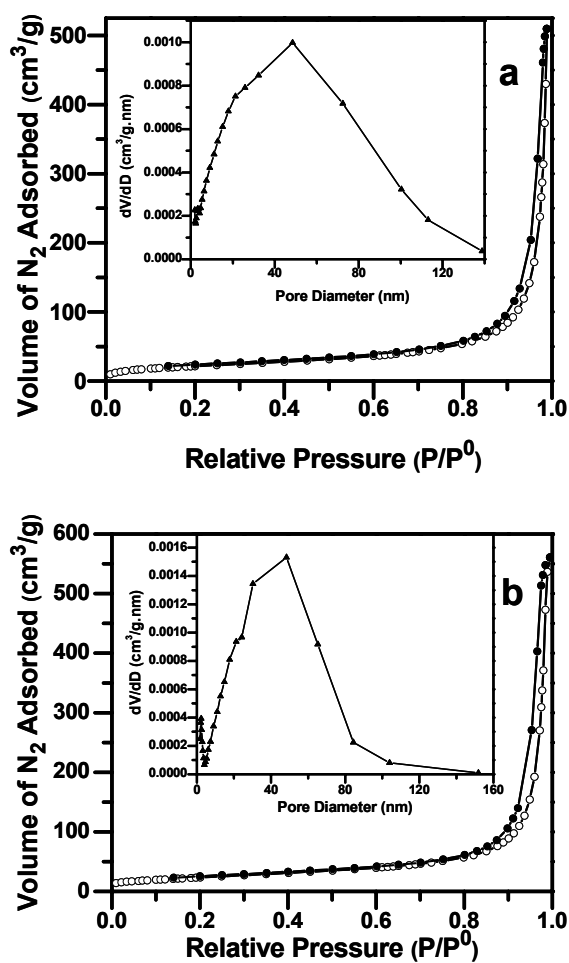


Figure S4. N<sub>2</sub> adsorption-desorption isotherms of (a) titanium glycerolate fibers, and (b) anatase (-○- adsorption, -●- desorption). Inset shows the BJH pore size distributions of the respective samples.