

Supporting Information

Facile Synthetic Routes for Photocatalytic $\text{Pb}_3(\text{BTC})_2 \cdot \text{H}_2\text{O}$ Coordination Polymer

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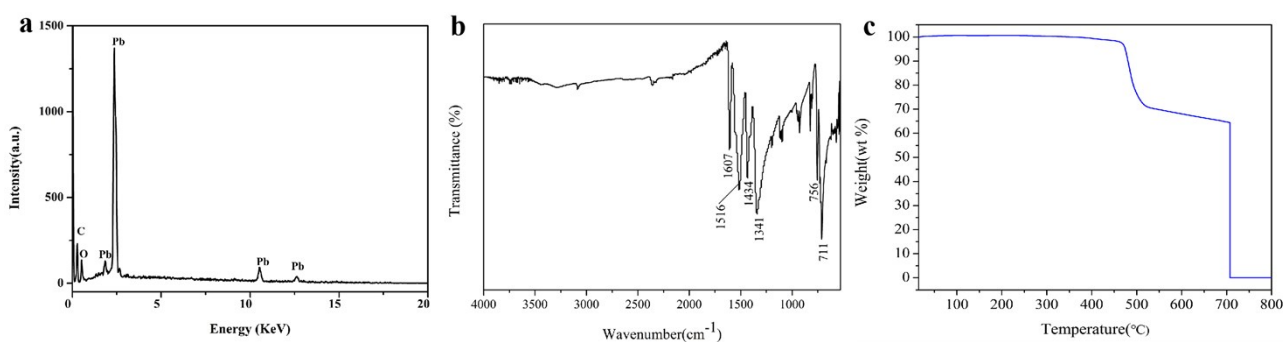


Figure S1. (a) EDS (b) IR spectrum (c) Thermal gravimetric analysis of sample HT.

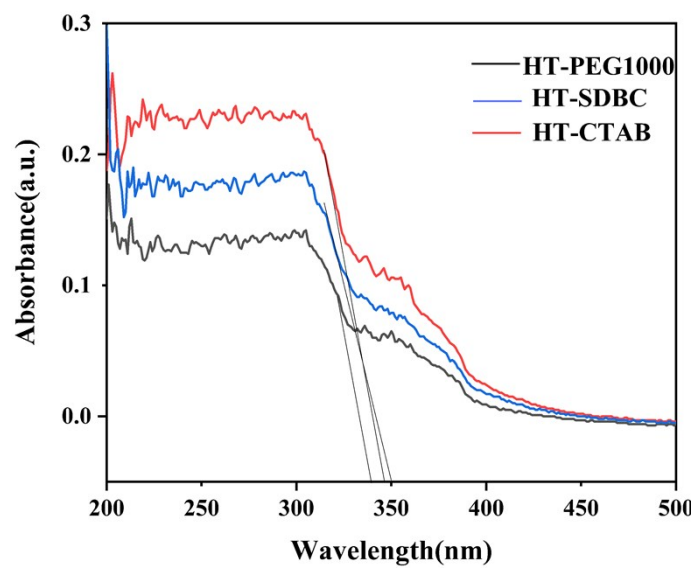


Figure S2. UV - Vis diffuses reflectance spectra of samples prepared by different surfactants.

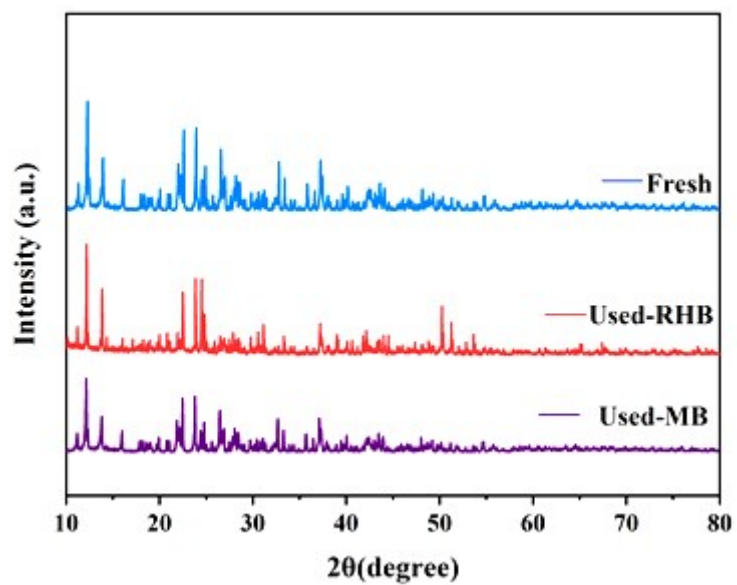


Figure S3. XRD patterns of the fresh and the used HT after 5 recycling runs.

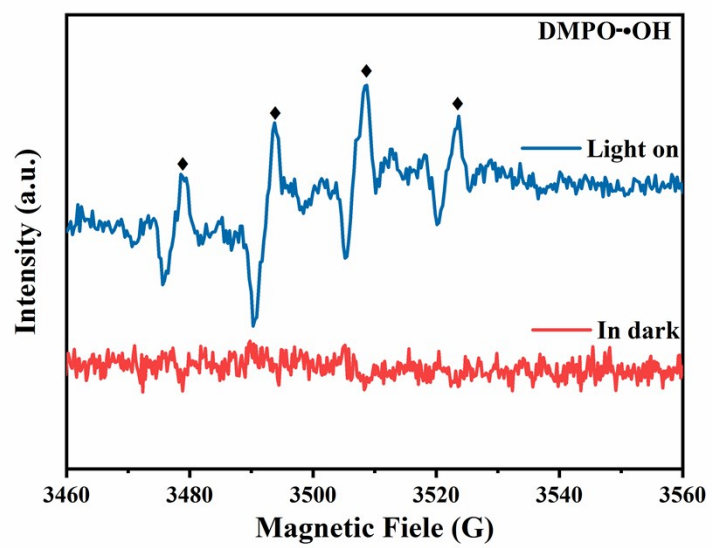


Figure S4. EPR signals of the DMPO-OH with irradiation for 7 min.