

Supplementary file

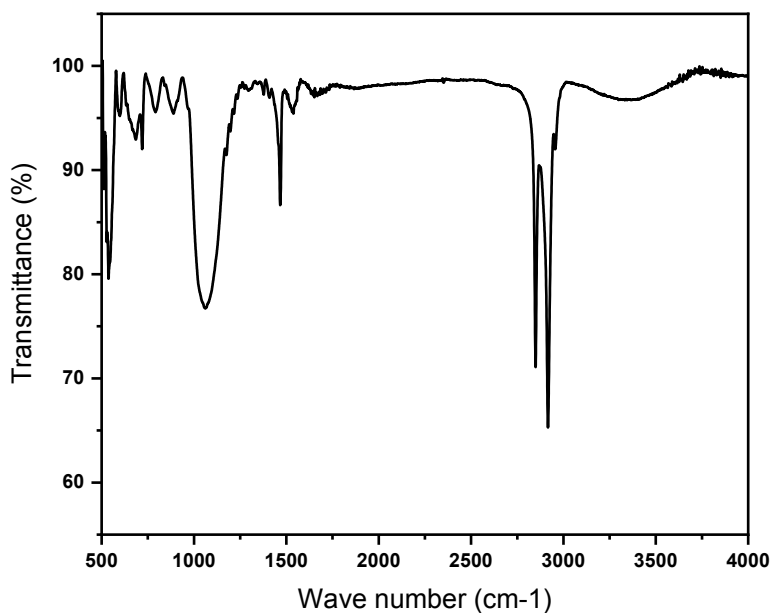


Fig. S1 FTIR spectra of the regenerated ODTCS-SiO₂-PP-PU

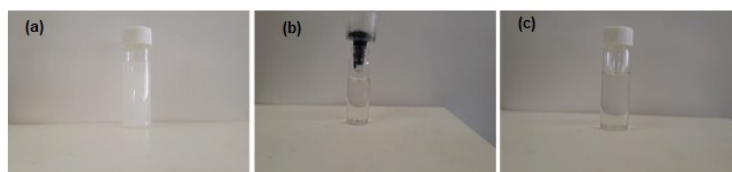


Fig. S2 Separation of surfactant free water in oil emulsion (A) water in oil emulsion, (B) Separation process, (C) Separated oil from water by using the ODTCS-SiO₂-PP-PU



Fig. S3 Separation of surfactant stabilized water in oil emulsion (A) water in oil emulsion, (B) Separation process, (C) Separated oil from water by using the ODTCS-SiO₂-PP-PU