

Supplementary information

Kinetic investigation on the highly efficient and selective oxidation of sulfides to sulfoxides and sulfones with *t*-BuOOH catalyzed by La₂O₃

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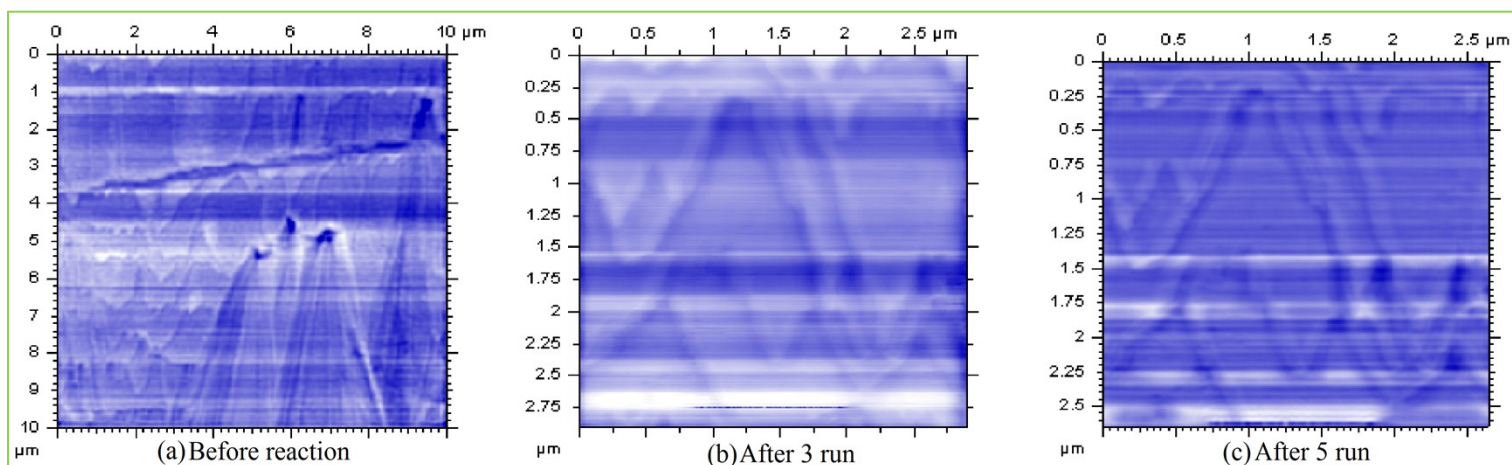


Fig. S1 AFM images of the catalyst: (a) before reaction, (b) after 3 run, and (c) after 5 run.

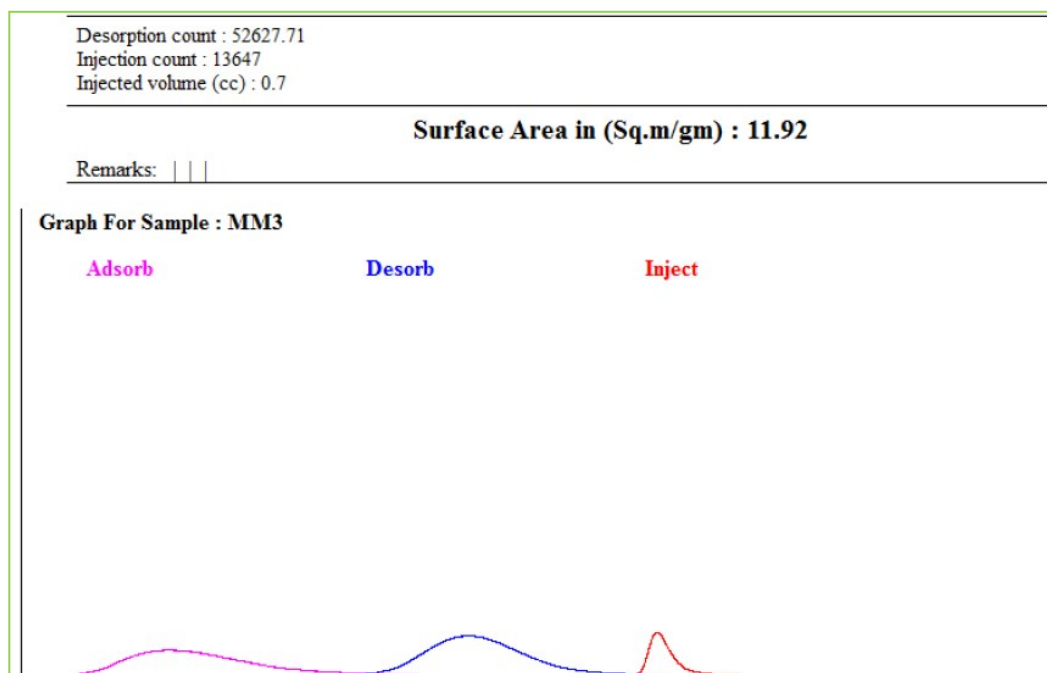


Fig. S2 Brunauer–Emmett–Teller (BET) surface area study of La_2O_3 .