

Electronic Supplementary Material

Boehmite-supported CuO as a catalyst for catalytic transfer

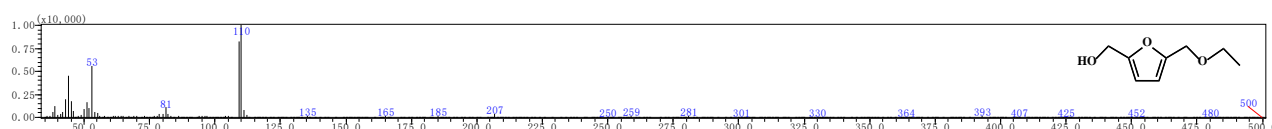
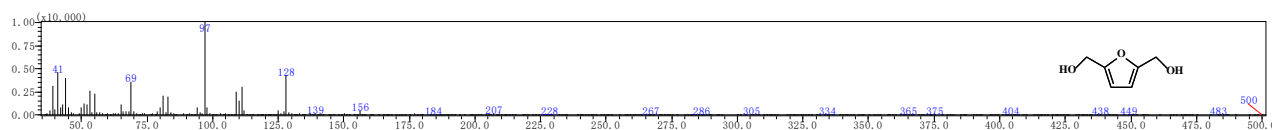
hydrogenation of 5-hydroxymethylfurfural to 2,5-bis(hydroxymethyl)furan

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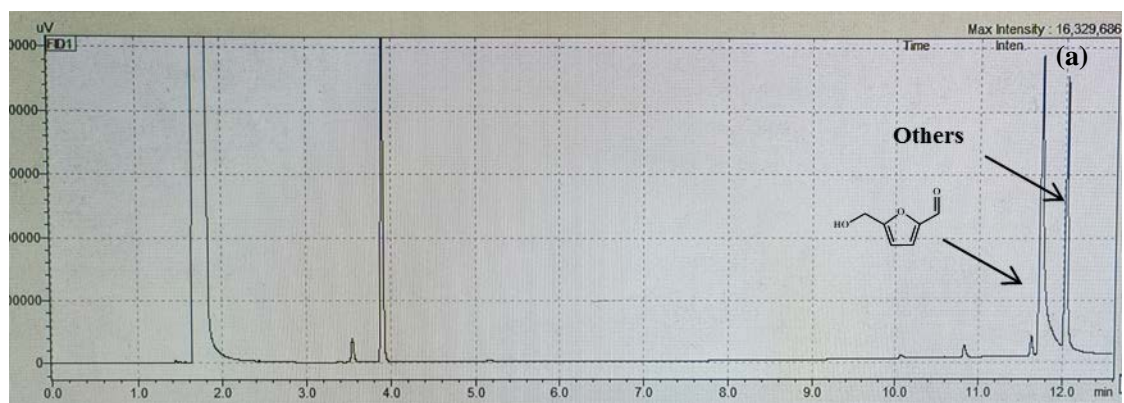


Figure S4. GC chromatogram for the catalytic CTH reaction of HMF to BHMF via 50wt.%CuO/Bhm. Reaction condition: 10 mL ethanol, 1 mmol HMF, time = 3 h, temperature = 433 K, Catalyst/HMF=80%.

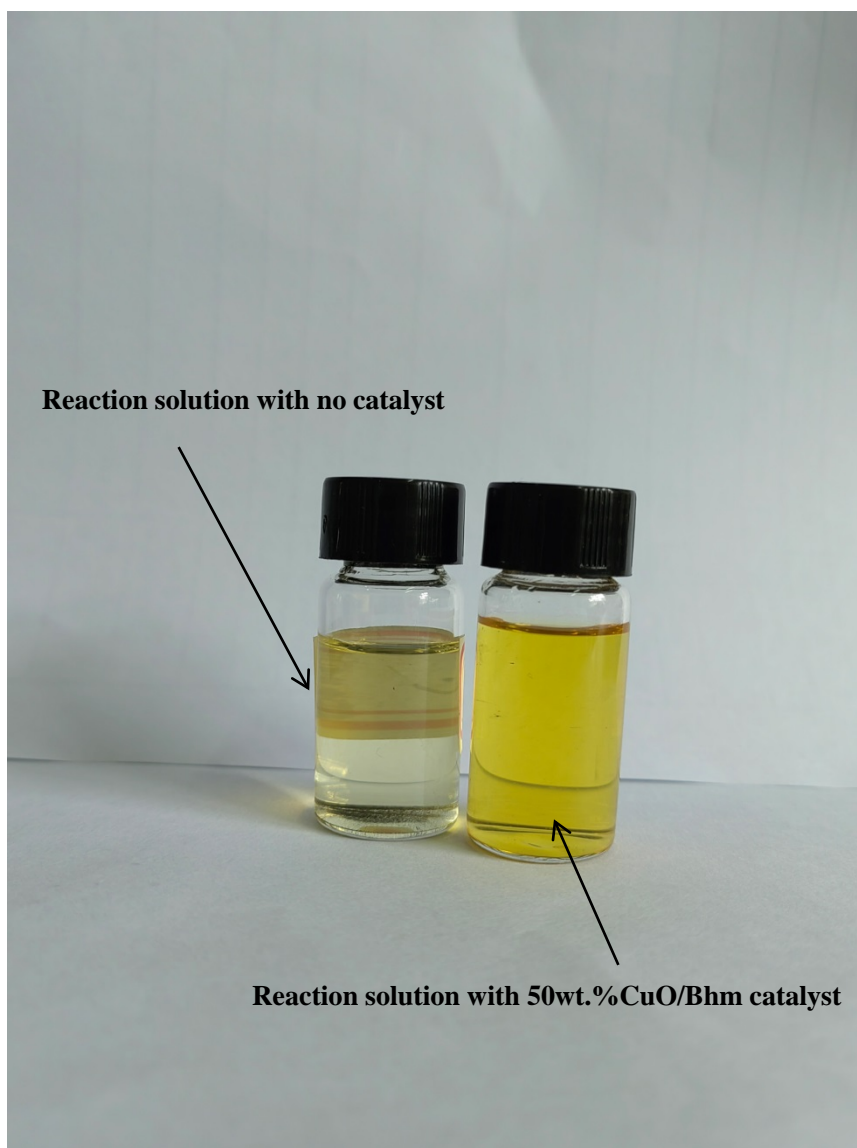


Figure S5. The photograph of the reaction solution having removed the solid

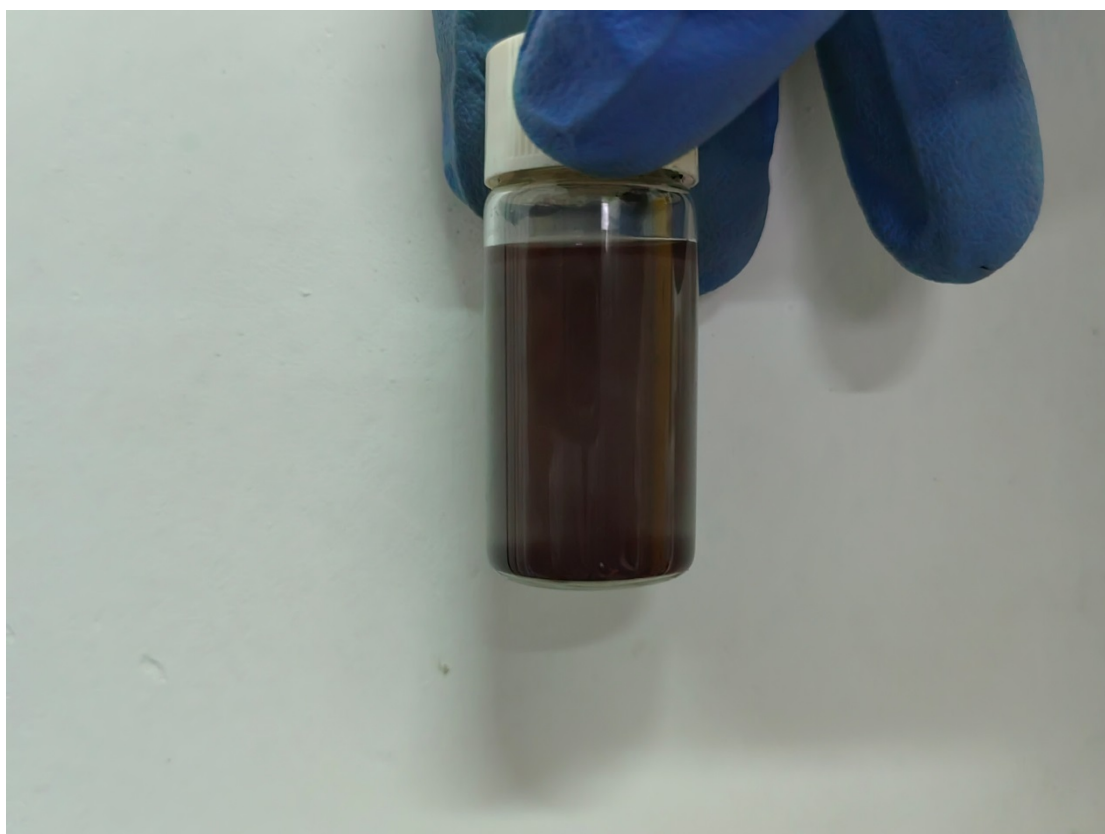


Figure S6. The photograph of the reaction solution having not removed solid

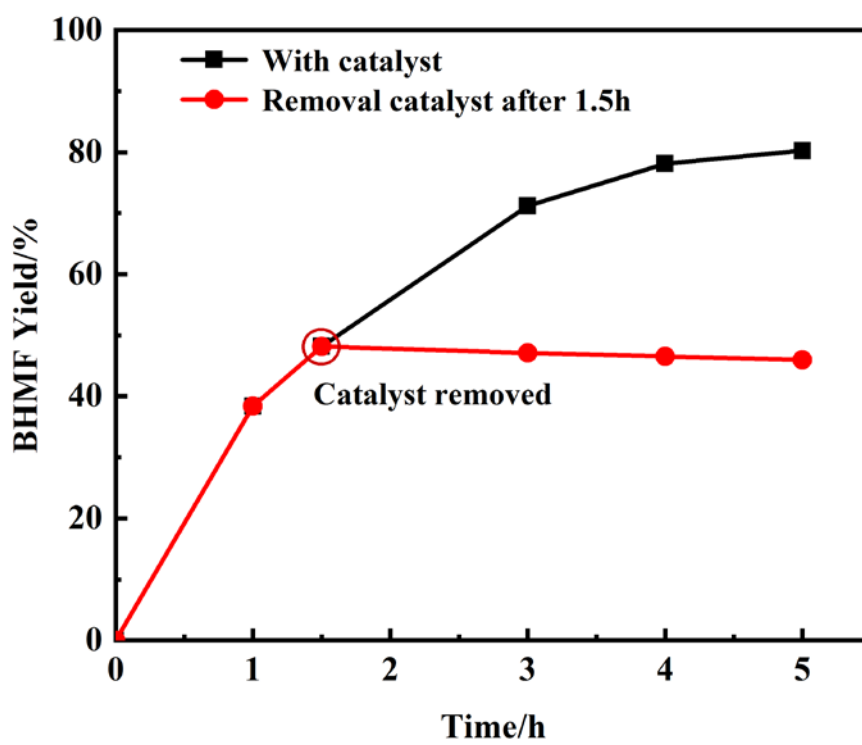


Figure S7. The result of leaching test.