

**Supporting information**

For

**Palladium supported on amino functionalized magnetic MCM-41 for catalytic  
hydrogenation of aqueous bromate**

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Fig. 1S. Catalytic bromate reduction over DP-2 catalyst. Reaction condition: initial bromate concentration 0.78 mM, catalyst dosage 0.05 g L<sup>-1</sup>, pH=5.6.

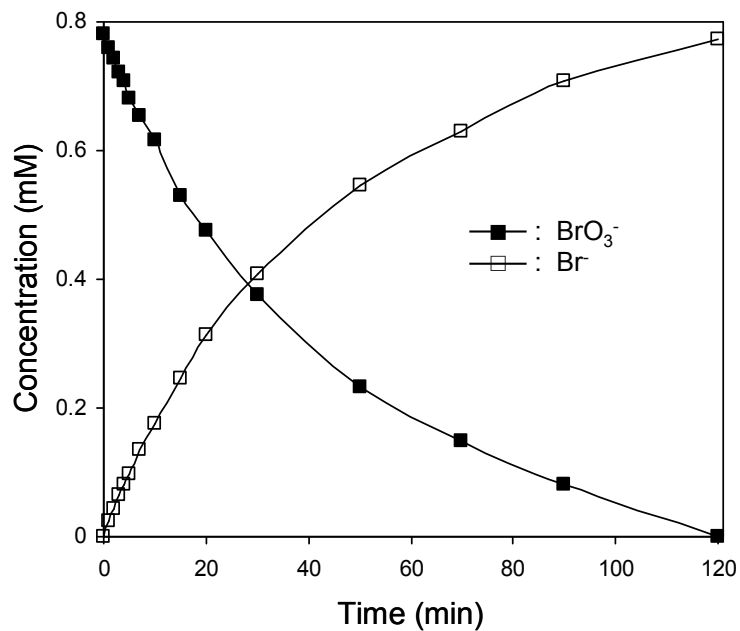


Fig. 2S. Initial activity of DP-2 as a function of (a) catalyst dosage and (b) stirring rate.

Reaction condition: initial bromate concentration 0.78 mM, pH=5.6.

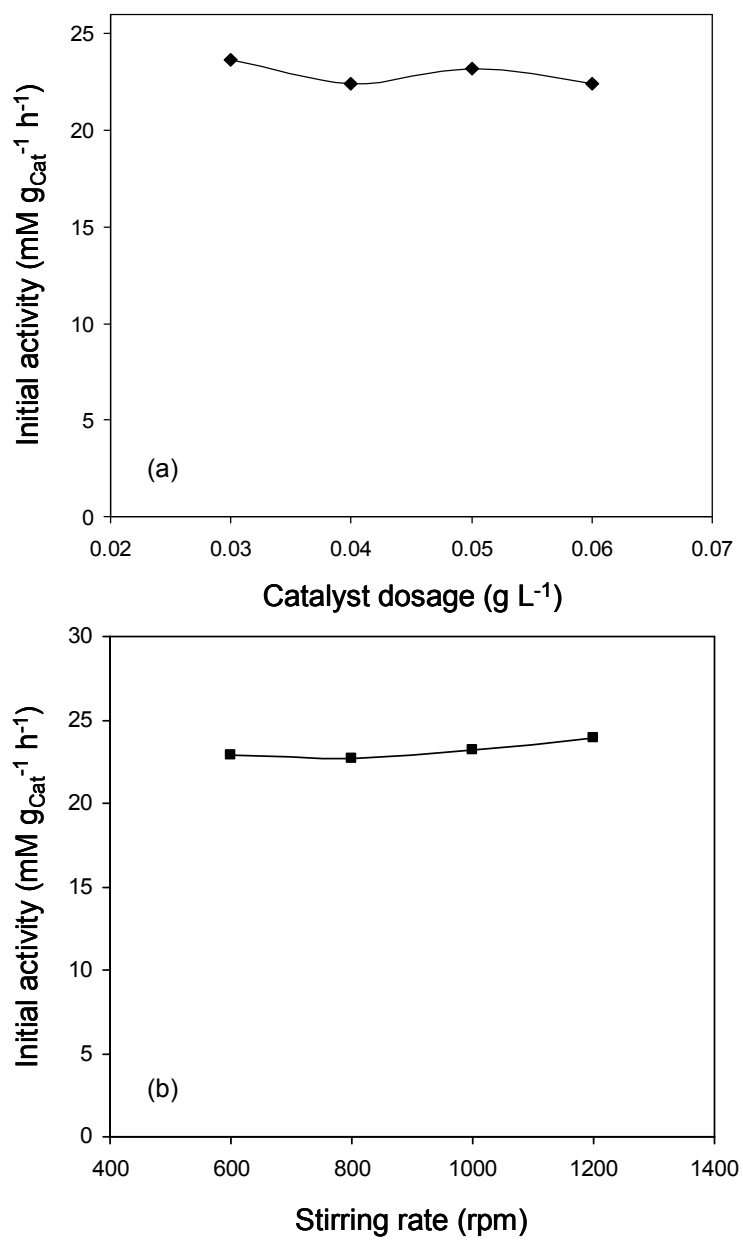


Fig. 3S. Wide-angle XRD patterns of (a) DP-1, DP-3, DP-4, DP-5 and (b) IMP-1, IMP-3, IMP-4, IMP-5.

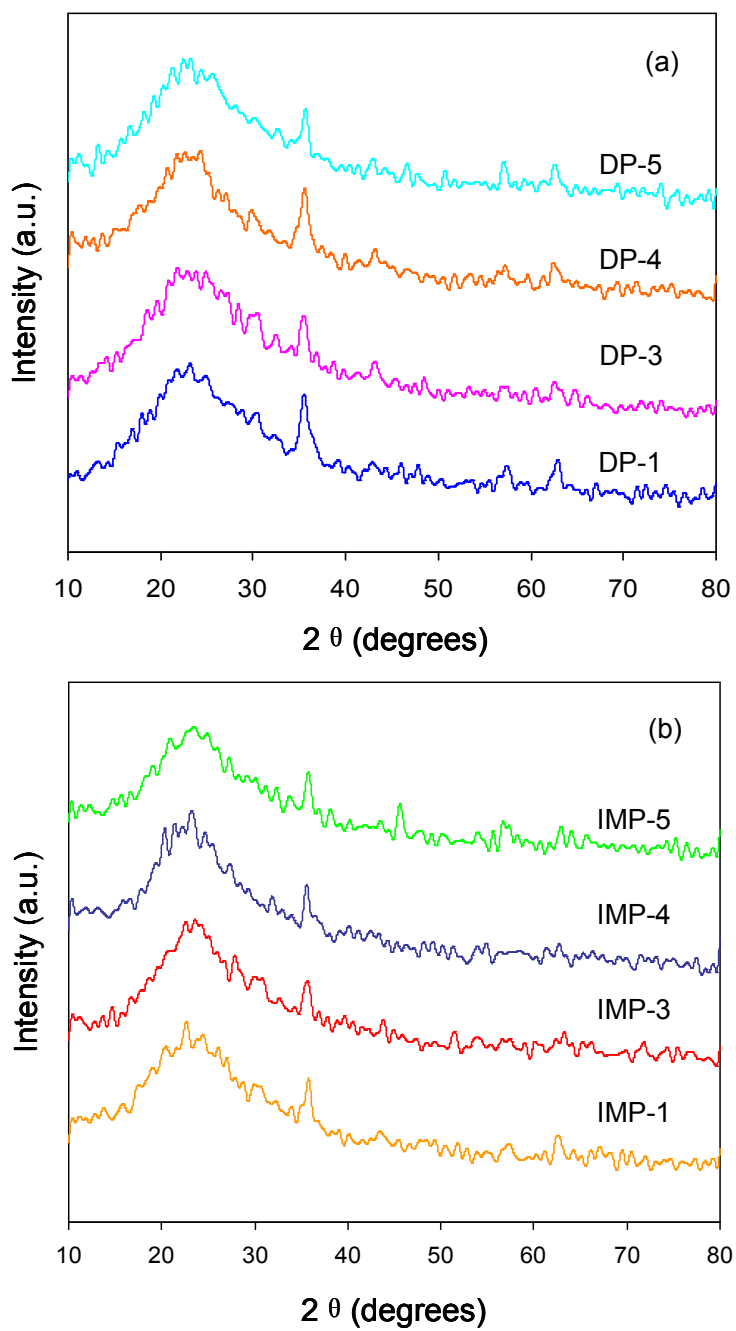


Fig. 4S. XPS spectra of N 1s and Pd 3d for DP-1, DP-2, DP-3, DP-4 and DP-5 catalysts.

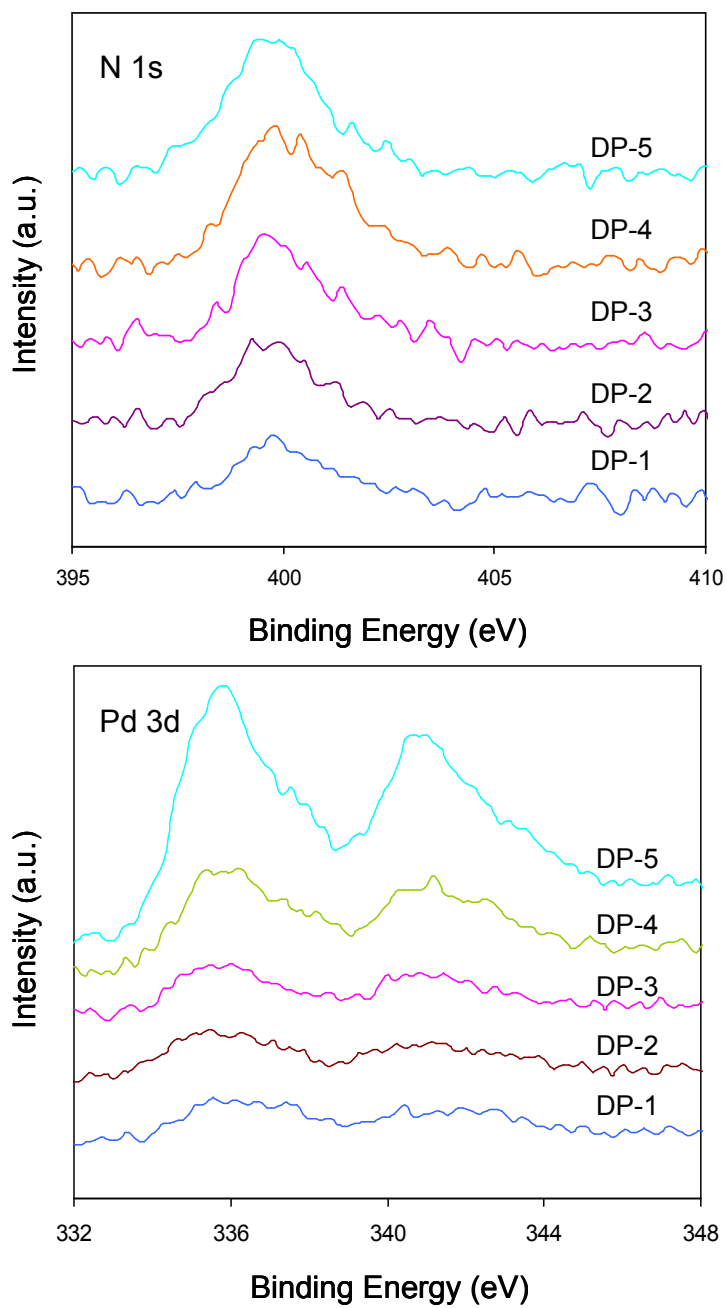


Fig. 5S. Initial catalytic activity of DP-0, DP-1, DP-2, DP-3, DP-4, DP-5 in the first and fifth runs.

