## **Supporting Information for**

## Facile Synthesis of Fe-loaded Mesoporous Silica by a Combined Detemplation -Incorporation Process through Fenton's Chemistry

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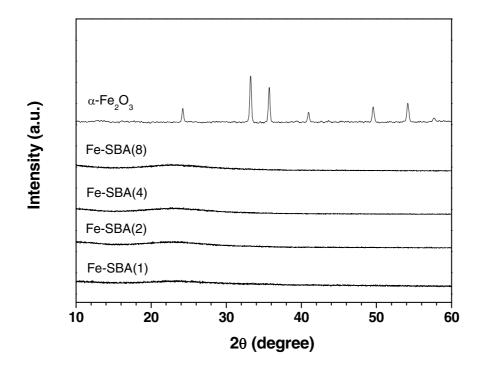


Figure S1. High angle X-ray diffraction patterns of various Fe-loaded SBA-15 materials.

For comparison, the diffraction pattern of crystalline  $\alpha\text{-Fe}_2O_3$  is also included.

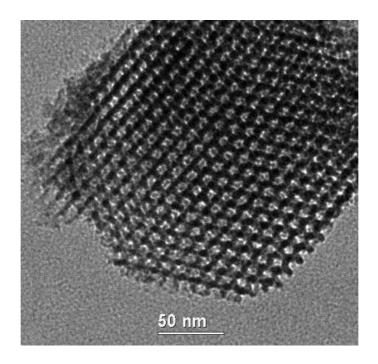


Figure S2. TEM image of sample Fe-SBA(4) after four times of recycling tests.