ELECTRONIC SUPPORTING INFORMATION

Breathable Iron-based MIL–88 Framework as Dyes Adsorbent in Aqueous Solution

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**S1. Rietveld refinement on the XRD pattern of MIL-88B(Fe)**

**(a)**



**(b)**

**Figure S1.** (a) Rietveld refinement on the XRD pattern of MIL-88B(Fe) based on the triclinic structure with *P-1* space group, and (b) Predicted crystal structure of MIL-88B(Fe), with goodness of fit (defined by *G* = *χ*2) is found at 1.068.

**S2. EDX Spectrum of MIL-88B(Fe)**



**Figure S2.** EDX spectrum of MIL-88B(Fe) polycrystalline crystals.

**S3. N2 physisorption Graphs**



**Figure S3.** N2 physisorption(a) adsorption-desorption isotherm and (b) pore size distribution of MIL-88B(Fe).