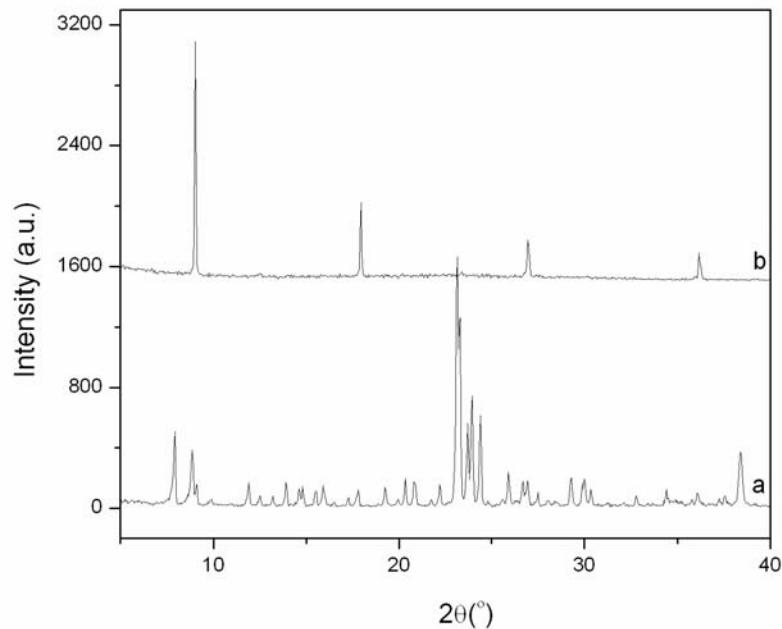


## Supplemental Figures:



**Figure S-1.** XRD patterns of (a) pure-silica-zeolite MFI bulk powder and (b) *b*-oriented pure-silica-zeolite MFI monolayer film.