

Electronic Supplementary Material

Production of biodiesel through the transesterification of Jatropha seed oil catalysed by S-1 and TS-1 zeolite supported molybdenum catalysts

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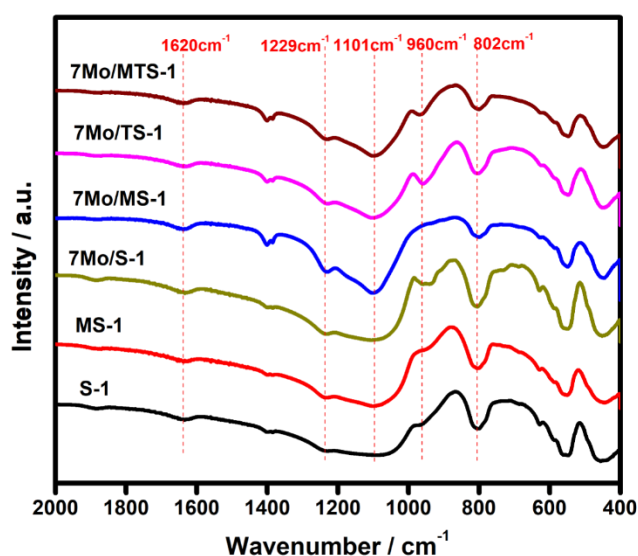


Fig. S1. FT-IR spectra of the all samples.

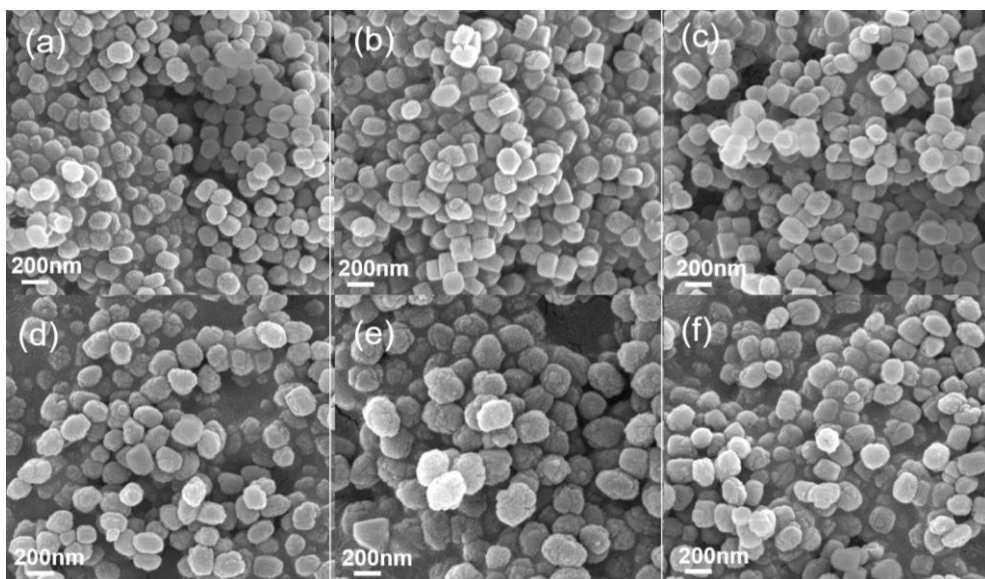


Fig. S2. SEM images of the samples: (a) S-1, (b) MS-1, (c) 7Mo/S-1, (d) 7Mo/MS-1, (e) 7Mo/TS-1, (f)

7Mo/MTS-1

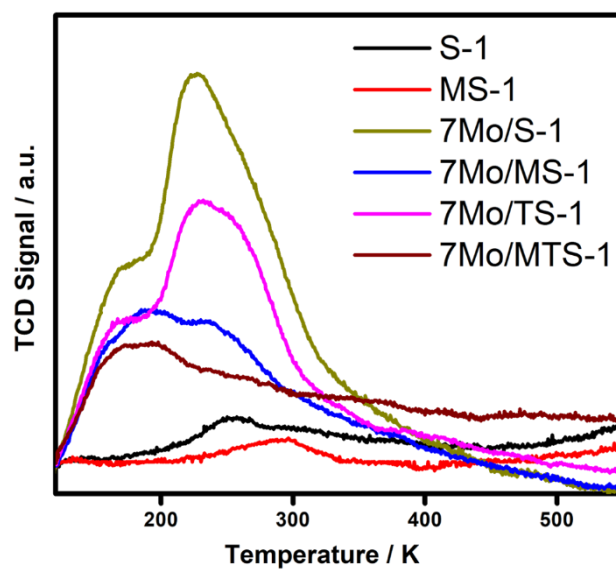


Fig. S3. NH₃-TPD of the all samples.

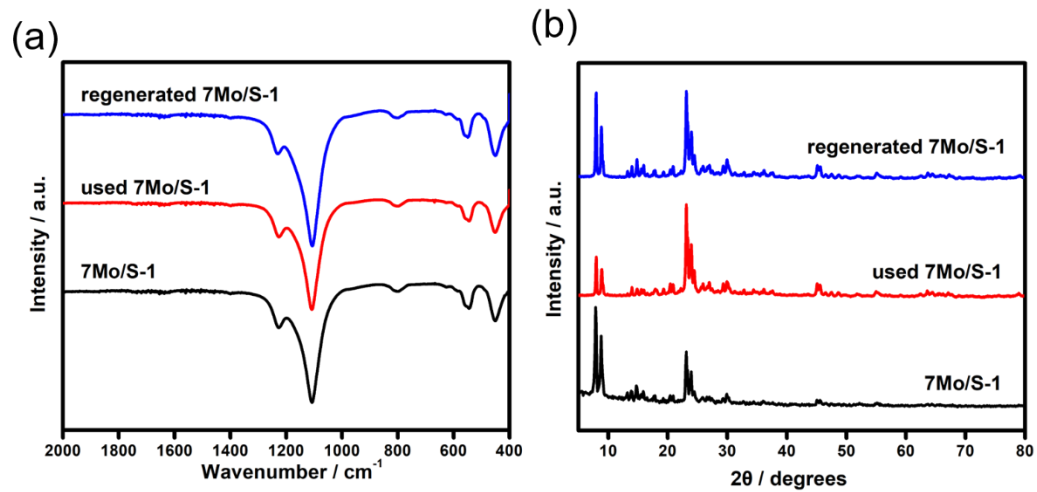


Fig. S4. XRD images (a) and FT-IR spectra (b) of 7Mo/S-1, used 7Mo/S-1 and regenerated 7Mo/S-1.