

Figure: S1 (a, b) UV spectrum of (a) MIL-53(Fe)- hydrated and (b) MIL-53(Fe)- dehydrated , (Right side) Kubelka-Munk plot illustrating the band gap energy for MIL-53(Fe)- hydrated and (b) MIL-53(Fe)-dehydrated.

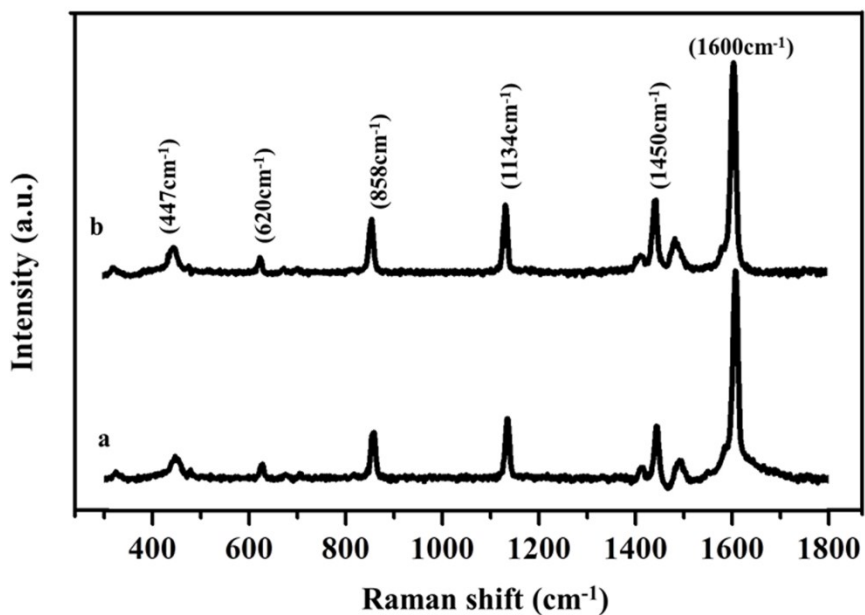


Figure: S2 (a, b) Raman spectra of (a) MIL-53(Fe)- hydrated and (b) MIL-53(Fe)- dehydrated

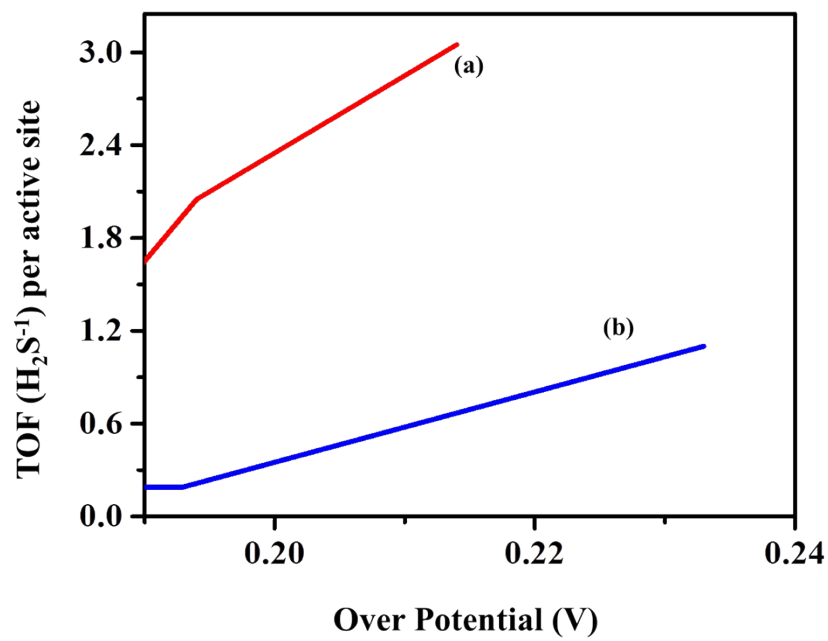


Figure : S3 Turn over frequency of MIL-53(Fe) -hydrated and dehydrated catalyst