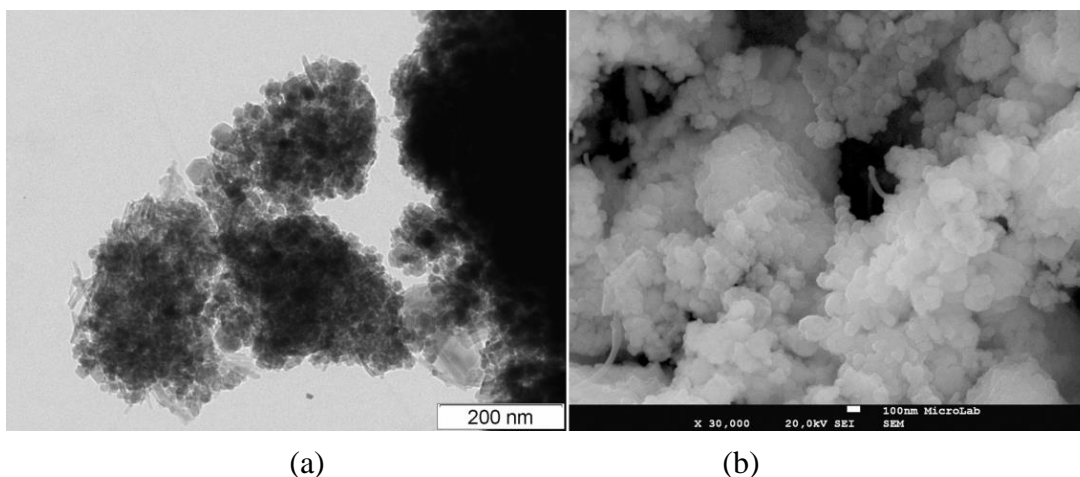
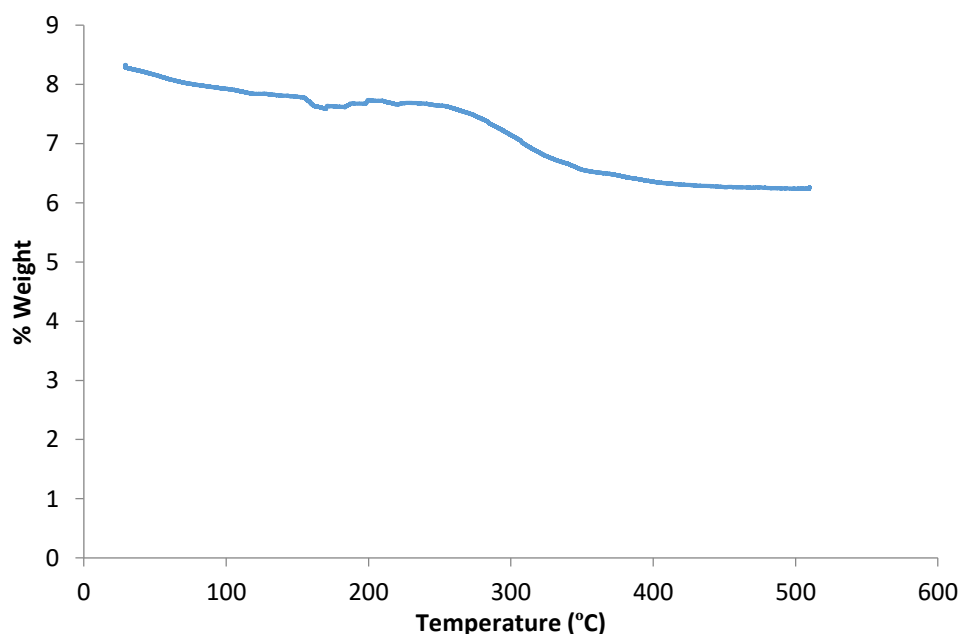


# Supplementary Materials: New Trendy Magnetic C-Scorpionate Iron Catalyst and its Performance towards Cyclohexane Oxidation

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**Figure S1.** TEM (a) and SEM (b) images of the new magnetized iron(II) C-scorpionate complex  $[\text{FeCl}_2\{\kappa^3\text{-HC}(\text{pz})_3\}]_2$  (pz = pyrazol-1-yl).



**Figure S2.** Thermogravimetric analysis (TGA) of the new magnetized iron(II) C-scorpionate complex  $[\text{FeCl}_2\{\kappa^3\text{-HC}(\text{pz})_3\}]_2$  (pz = pyrazol-1-yl) from 30 to 500 °C, 10 °C/min.

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