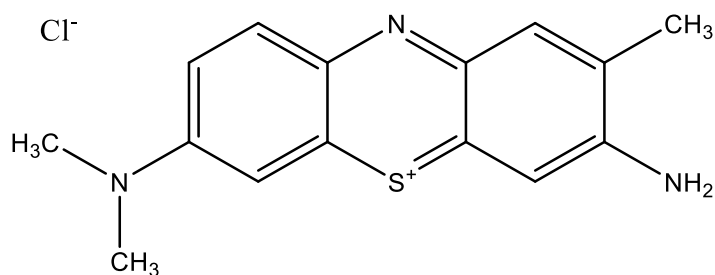


# TBO degradation by heterogeneous Fenton-like reaction using Fe supported over activated carbon

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**Scheme S1** : Chemical structure of TBO dye

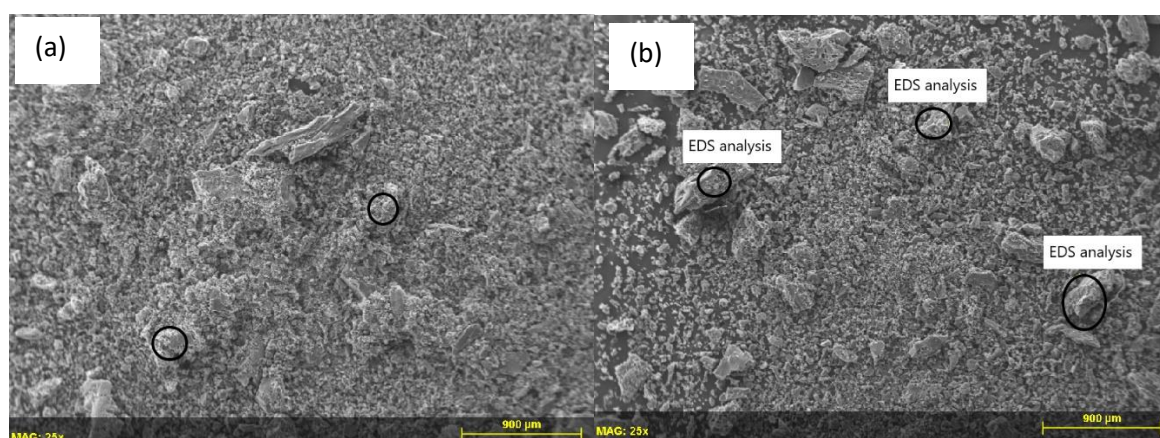


Figure S1: focus on the area targeted for EDS analysis of Ac (a) and AC-Fe (b).

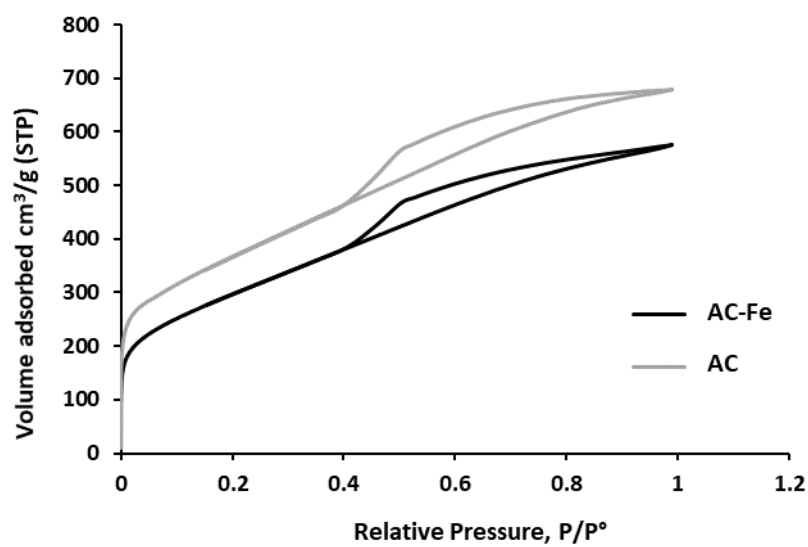


Figure S2: BET nitrogen adsorption-desorption isotherms for AC and AC-Fe

Table S1: concentration of Fe released during consecutive cycle

Number of cycle	Content of Fe released (mg/L)
1	0.1534
2	0.0957
3	0.0528