

**Fabrication of UiO-66/MIL-101(Fe) binary MOF/Carboxylated-GO composite for
adsorptive removal of methylene blue dye from aqueous solutions**

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Supplementary data

Table S1: R_L values for the adsorption of MB dye onto UiO-66/MIL-101(Fe)-GOCOOH
composite Based on the Langmuir model.

C_o (mg/L)	R_L
50	0.11
100	0.06
150	0.04
200	0.03
300	0.02

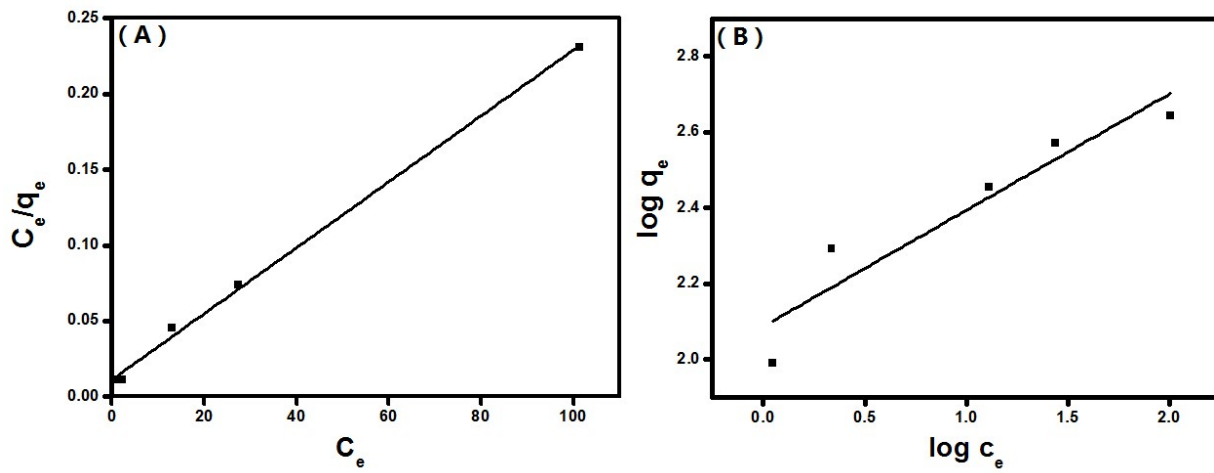


Fig. S1. Adsorption isotherm model (A) Langmuir and (B) Freundlich for the adsorption of MB dye onto UiO-66/MIL-101(Fe)-GOCOOH composite.

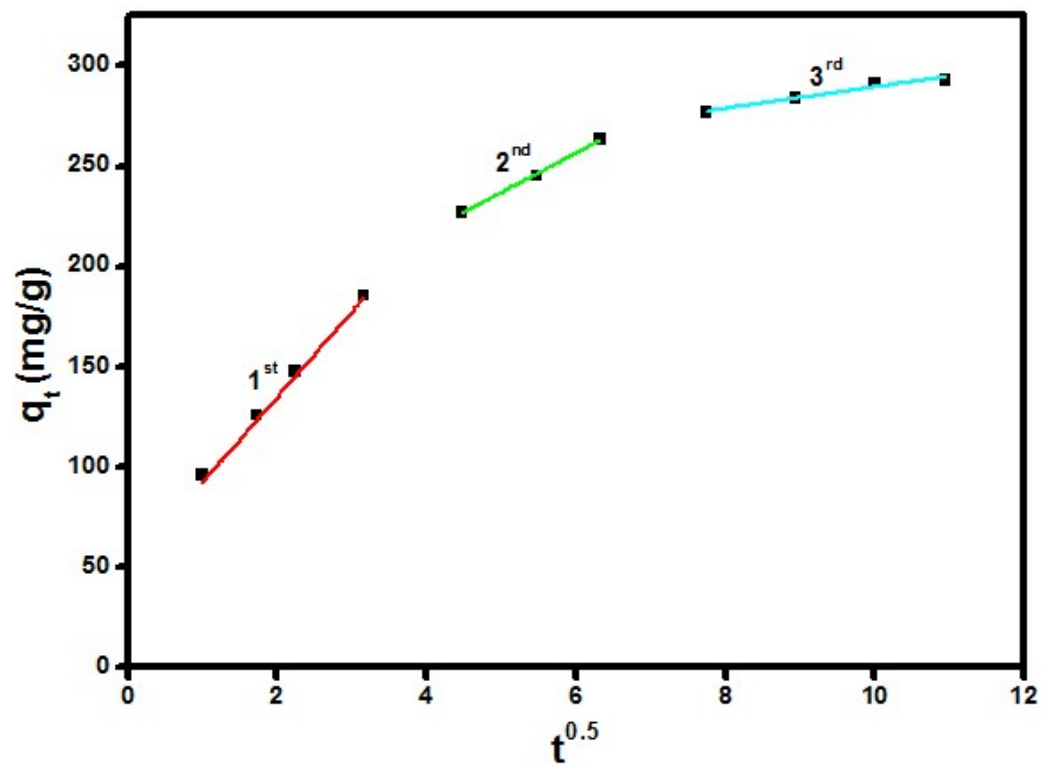


Fig. S2. intra-particle diffusion model for adsorption of MB dye onto UiO-66/MIL-101(Fe)-GOCOOH composite.