Table S1. Pseudo-first-order and pseudo-second-order model parameters.

Pseudo-first-order model		
k_1 (min^{-1})	**q_e (μg/mg)**	**R^2**
6.43	61.41	0.94
Pseudo-second-order model		
k_2 (μg $mg^{-1}min^{-1}$)	**q_e (μg/mg)**	**R^2**
0.013	63.36	0.98

Table S2. Langmuir isotherm constants obtained for the cypermethrin adsorption.

Q_0 (μg/g)	**K_L (L/μg)**	**R_L**	**R^2**
588.24	0.0027	0.79	0.98

Table S3. Freundlich isotherm constants obtained for the cypermethrin adsorption.

n	**K_F (μg/L)**	**R^2**
1.53	5.56	0.88