Table2 Adsorption isotherm models and corresponded parameters

Isotherms	Equations	Parameters
Langmuir	$q_e = \frac{k_L q_m C_e}{1 + k_L C_e}$	q_m means the adsorption amount (mg/g). k_L (L/mg) is coefficient.
Freundlich	$q_e = k_F C_e^{1/n}$	k_F is adsorption constant (mg/g). $(L/mg)^{1/n}$, 1/n is adsorption intensity
Hill	$qe = \frac{QmCe^n}{C^n + Ce^n}$	Q_m is the maximum adsorption capacity (mg/g) , n and C are the number of ions per site and semi saturated concentration, respectively.