

Table S3. The pseudo-first-order kinetic model and the pseudo-second-order kinetic model

adsorption kinetic parameters of Li⁺ on NFs@LMO-6:6

Absorbents	Pseudo-first-order kinetic model			Pseudo-second-order kinetic model		
	$Q_1(\text{mg}\cdot\text{g}^{-1})$	$k_1(\text{min}^{-1})$	R^2	$Q_2(\text{mg}\cdot\text{g}^{-1})$	$k_2(\text{g}\cdot\text{mg}^{-1}\cdot\text{min}^{-1})$	R^2
NF@LIS-6:6	24.26	0.0536	0.9087	25.00	0.0130	0.9977