

Table S5. Effects of co-existing anions on tungstate removal by delaminated iron-based LDH at an initial tungsten concentration of 1mM.

Co-existing anions	Cl ⁻ /HCO ₃ ⁻ /SO ₄ ²⁻ / PO ₄ ³⁻ concentration (mmol/L)	Initial W concentration (mmol/L)	Equilibrium W concentration (mmol/L)	Removal percent (%)	Sorption capacity (mg/g)
Only WO ₄ ²⁻	0	1	0.387	61.3	56.3
WO ₄ ²⁻ +Cl ⁻	1	1	0.458	54.2	49.8
WO ₄ ²⁻ +HCO ₃ ⁻	1	1	0.491	50.9	46.8
WO ₄ ²⁻ +SO ₄ ²⁻	1	1	0.524	47.6	43.8
WO ₄ ²⁻ +PO ₄ ³⁻	1	1	0.732	26.8	24.6
WO ₄ ²⁻ +Cl ⁻ +HCO ₃ ⁻ +SO ₄ ²⁻ +PO ₄ ³⁻	4 ^a	1	0.803	19.7	18.1

^a: Cl⁻, HCO₃⁻, SO₄²⁻ and PO₄³⁻ coexisted in the solution at a concentration of 1 mmol/L for each anion, i.e., the total concentration of coexisting anions was 4 mmol/L except for tungstate.