Influence of fertilizers on fluoride accumulation in tea leaves and its remediation using polyphenol-Ce adsorbents

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Fig. S1. Adsorption capacities of polyphenols-Ce to F\(^{-}\) (a) and Al\(^{3+}\) (b) at 298 K. Experimental conditions: 0.1 g polyphenols-Ce, 100 mL F solution (2-300 mg/L) or Al\(^{3+}\) (5-140 mg/L) solution.
Fig. S2. Influence of anions on the adsorption of Fluoride on polyphenols-Ce absorbent.
Experimental conditions: 0.1 g polyphenols-Ce, 100 mL 50 mg/L F⁻ solution containing Cl⁻, HCO₃⁻, NO₃⁻, SO₄²⁻, SiO₃²⁻ and HPO₄²⁻ with different condensations (0-1.0 mmol/L)