

Supplementary Materials:

Fabrication of manganese-supported activated alumina adsorbent for defluoridation of water: A kinetics and thermodynamics study

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Table S1. Comparative analysis of fluoride removal methods.

Adsorbents	Fluoride effluent concentration (mg/L)	Fluoride removal rate (%)	Adsorption capacity (mg/g)
MnOOH-supported AA	1.75	67.75	0.55
AA	3.49	37.72	0.3

Figure S1. Distribution of areas with excessive fluoride and iron in groundwater in China, fluoride exceeded area (a) and iron exceeded area (b).

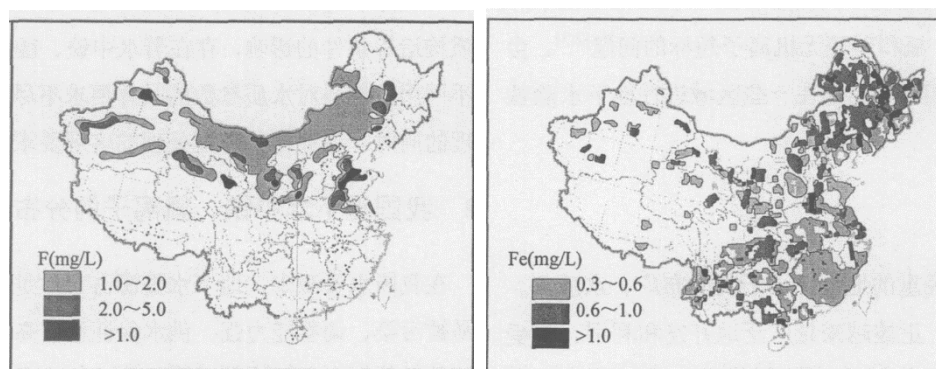


Figure S2. Effect of pH on fluoride removal efficiency (Φ 0.5-1.5 mm).