



Influence of Humic Acids on the Removal of Arsenic and Antimony by Potassium Ferrate

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Table S1. Water quality parameters of Yingxue Lake (five samples).

water quality index	numerical value	average value
pH	6.8-6.9	6.9
T/°C	20.3-20.8	20.6
TP/(mg/L)	0.03	0.03
TN/(mg/L)	7.56-7.67	7.60
TOC/(mg/L)	13.6-14.3	14.1
COD/(mg/L)	35.7-36.2	36.0
As/(μg/L)	2.50-2.58	2.55
Sb/(μg/L)	4.35-4.40	4.39

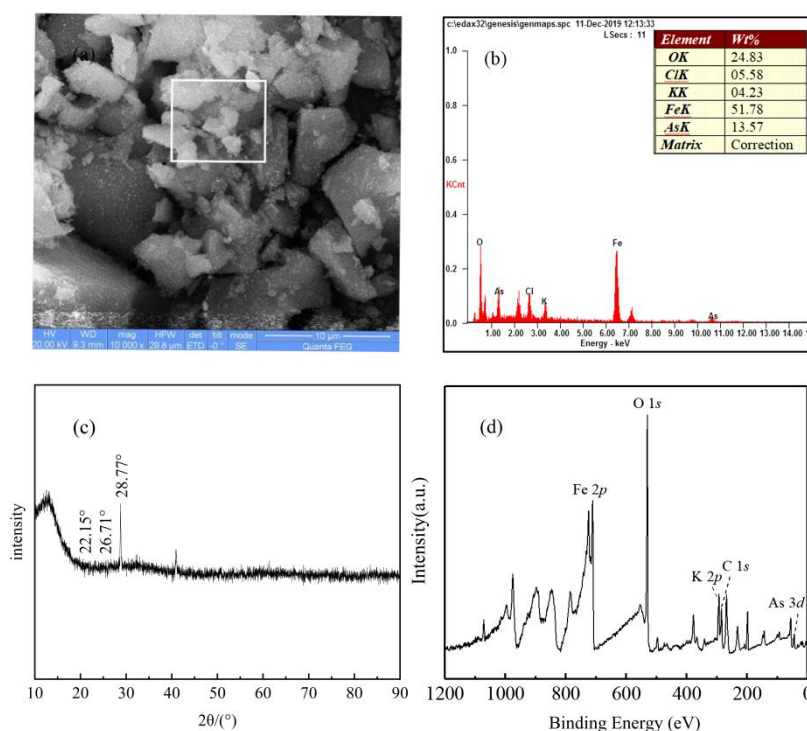


Figure S1. Surface characterization of the precipitation products of individual As removal by K_2FeO_4 (a: SEM, 10000 times, b: EDS, c: XRD, d: XPS).

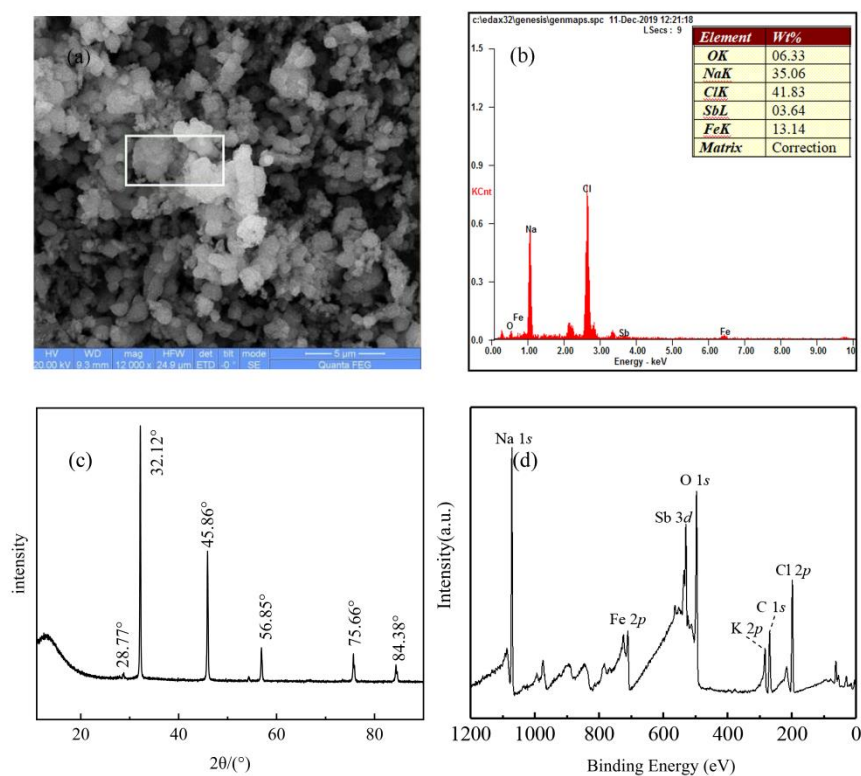


Figure S2. Surface characterization of the precipitation products of individual Sb removal by K_2FeO_4 (a: SEM, 12000 times, b: EDS, c: XRD, d: XPS).