

Supplementary Materials: Insights into Alkali-Acid Leaching of Sericite: Dissolution Behavior and Mechanism

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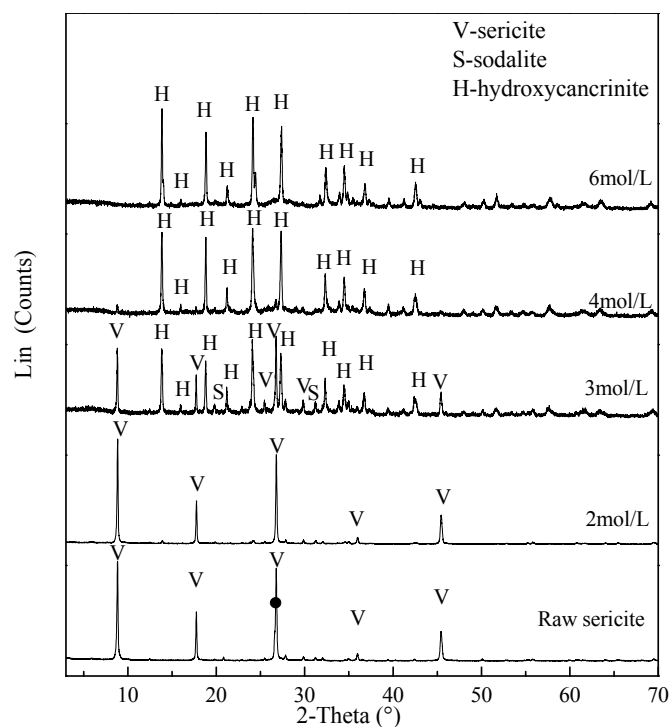


Figure S1. XRD analysis of alkali-leached residue treated with different alkali concentration (Experiment condition: alkali leaching temperature: 513K, leaching time: 1h).

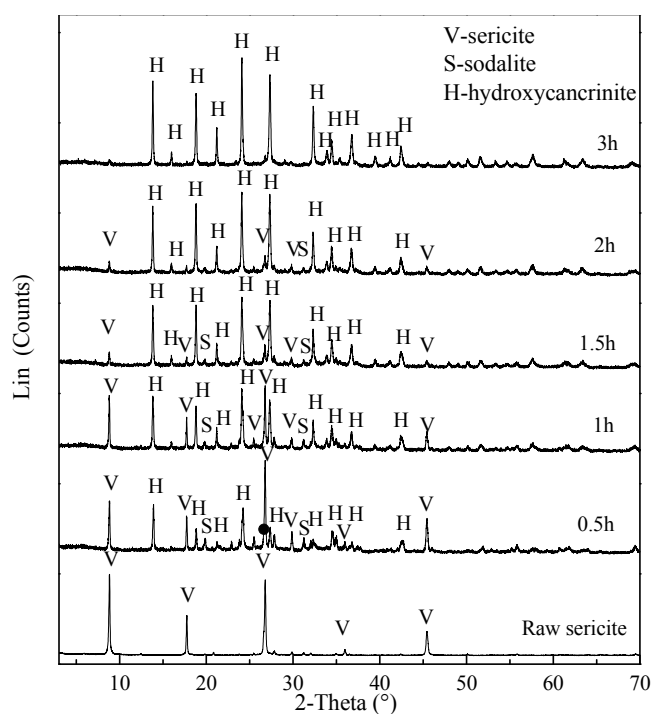


Figure S2. XRD analysis of alkali-leached residue treated with different alkali leaching time

(Experiment condition: alkali leaching temperature: 513K, NaOH: 3mol/L).

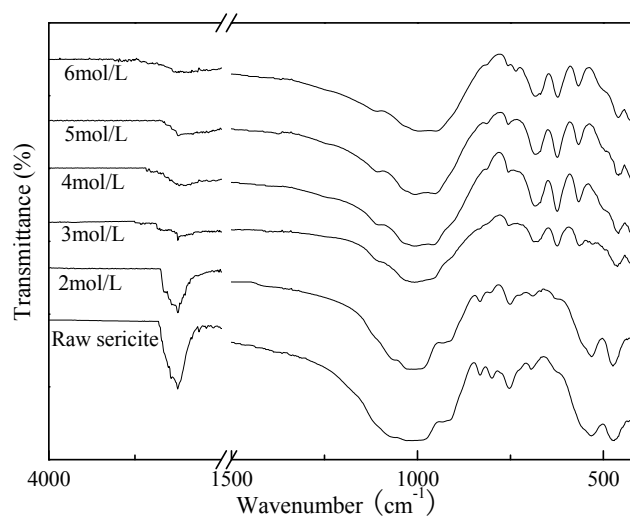


Figure S3. FTIR spectrum of alkali-leached residue treated with different alkali concentration (Experiment condition: alkali leaching temperature: 513K, leaching time: 1h).

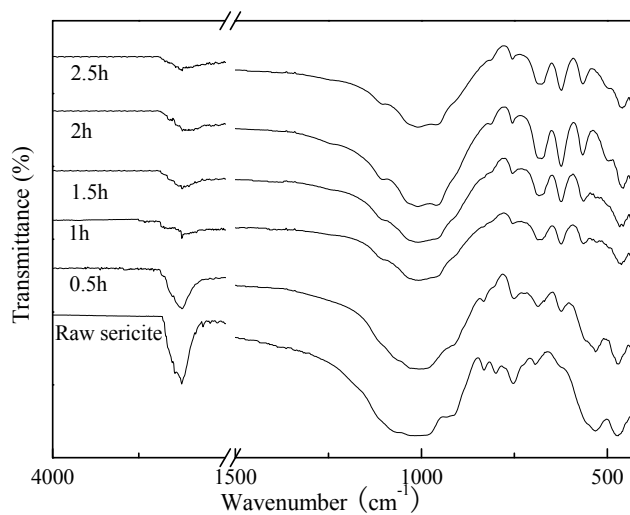


Figure S4. FTIR spectrum of alkali-leached residue treated with different alkali leaching time (Experiment condition: alkali leaching temperature: 513K, NaOH: 3mol/L).