

Supplementary Materials

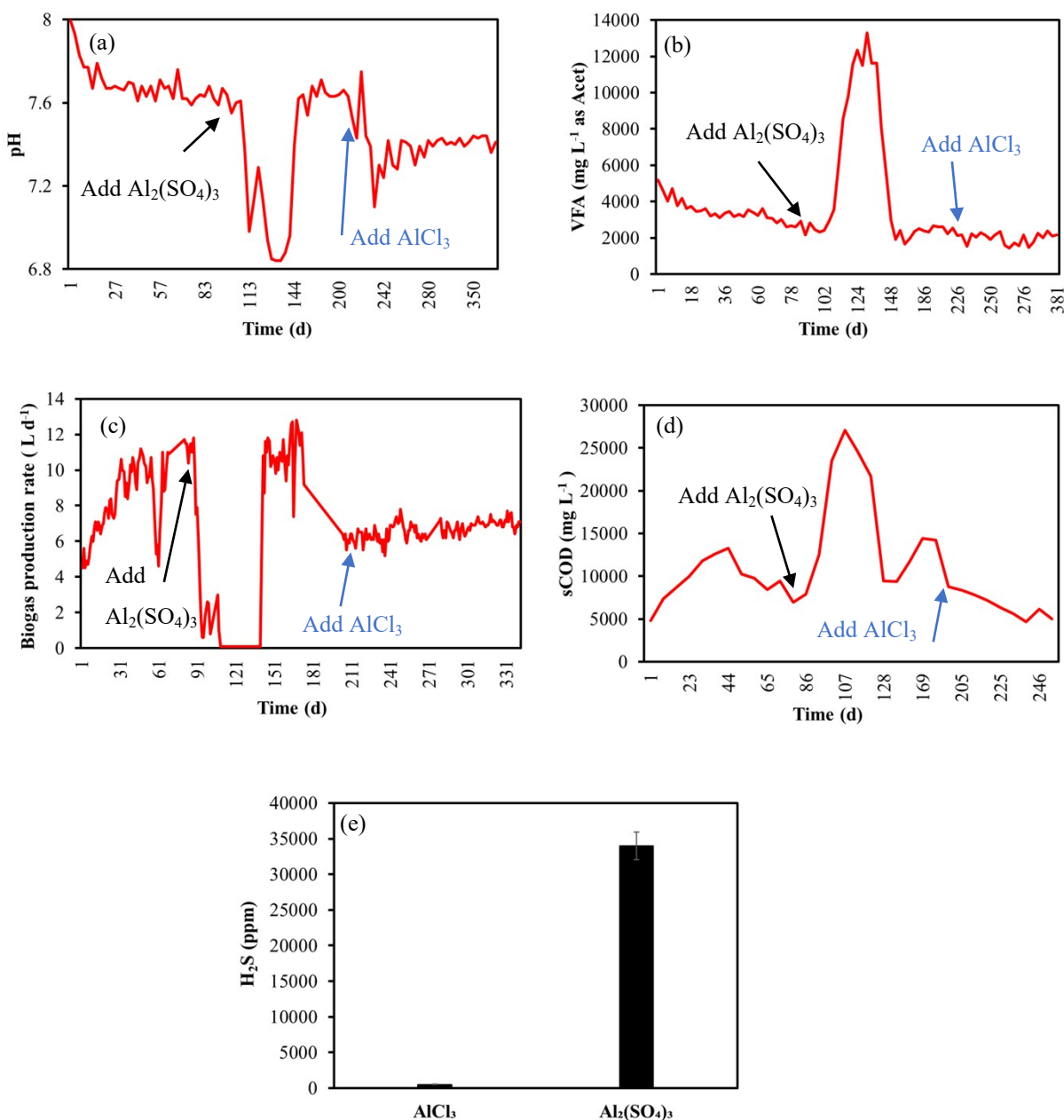


Figure S1. (a) pH, (b) VFA, (c) biogas production rate, and (d) sCOD profiles for the 1:1 PS-to-WAS dry mass blending ratio sludge spiked with high Al^{3+} dose using two different Al^{3+} -based coagulants; (e) H_2S concentration detected in biogas on day 100 and 290 with different Al^{3+} -based coagulants.