

Supplementary Material

Quantitative analysis of membrane fouling mechanisms involved in microfiltration of humic acid-protein mixtures at different solution conditions

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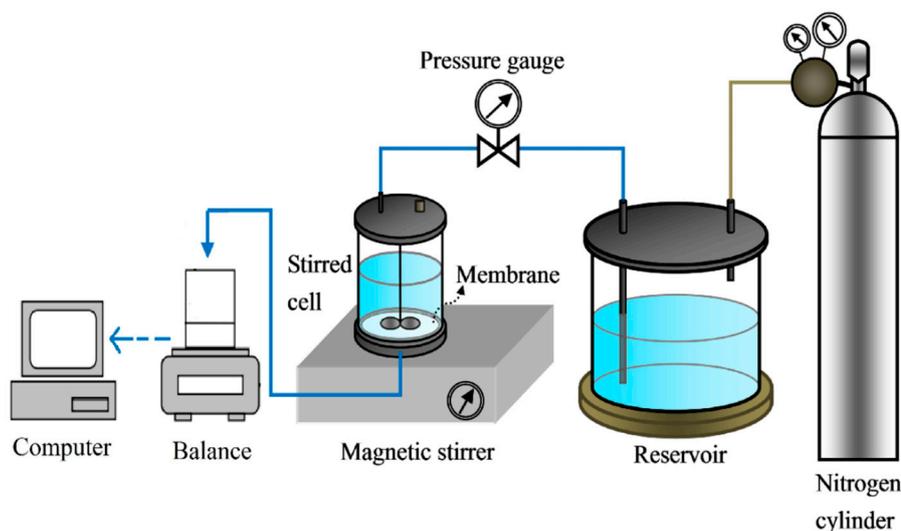


Figure S1. Schematic diagram of experimental system for constant pressure dead-end microfiltration.

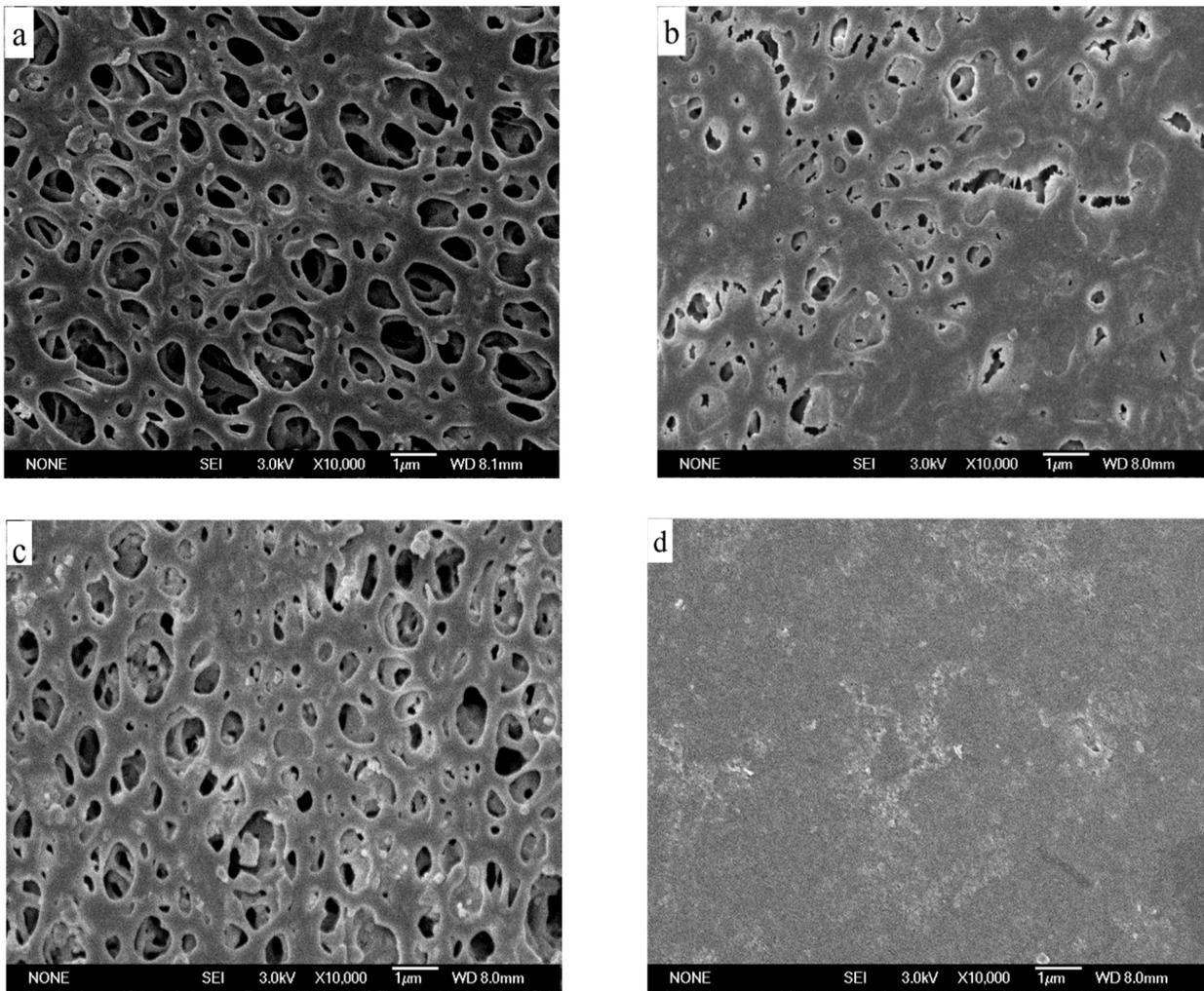


Figure S2. SEM characterization results at different solution conditions: (a) pH = 7.0, IS = 10 mM, $c(\text{Ca}^{2+}) = 0$ mM; (b) pH = 3.0, IS = 10 mM, $c(\text{Ca}^{2+}) = 0$ mM; (c) pH = 7.0, IS = 100 mM, $c(\text{Ca}^{2+}) = 0$ mM; (d) pH = 7.0, IS = 10 mM, $c(\text{Ca}^{2+}) = 1.0$ mM.