Supplementary Material

Additional effect of coagulation process on removal of tetracycline in characteristically simulated livestock and poultry wastewater

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- **Supplementary Figures**

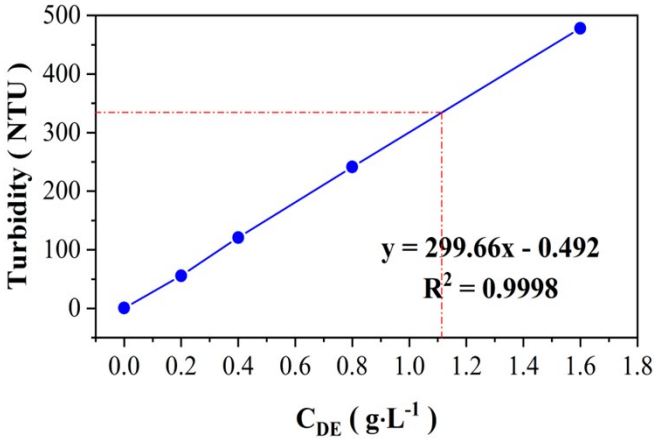

Figure S1 Relationship between diatomite concentration and turbidity.

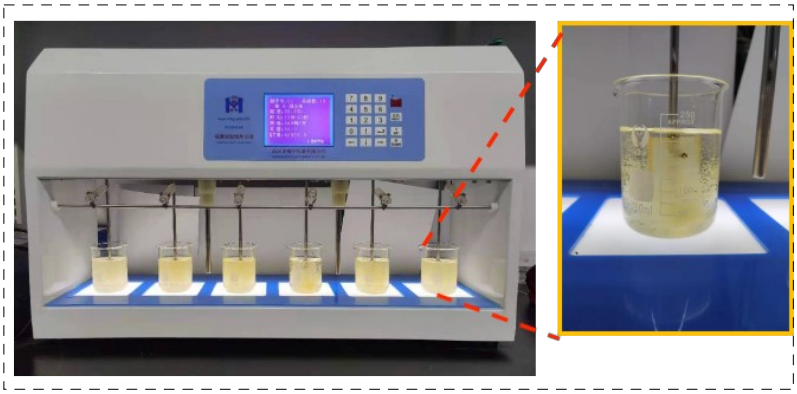

Figure S2 Experimental instrument- sequencing batch coagulation instrument

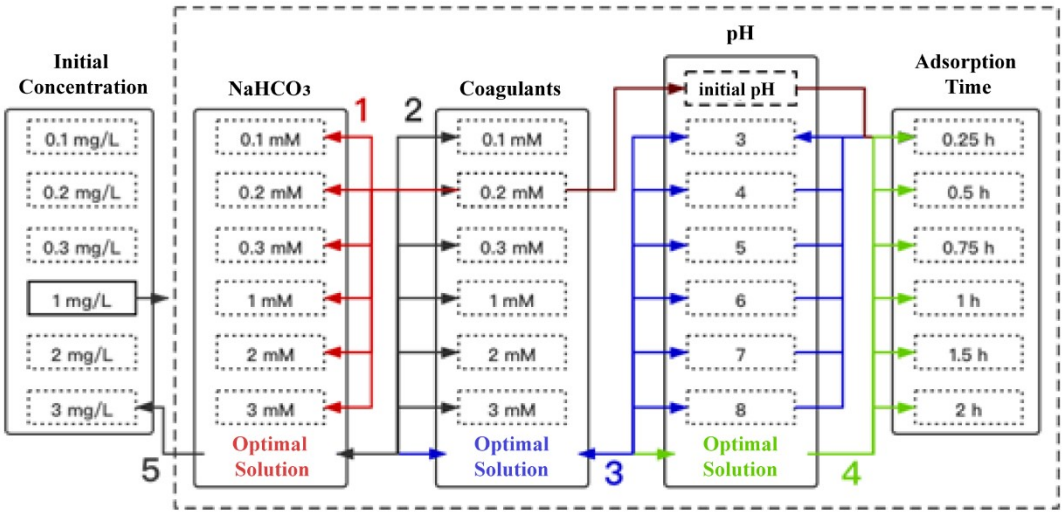

Figure S3 Specific experimental scheme

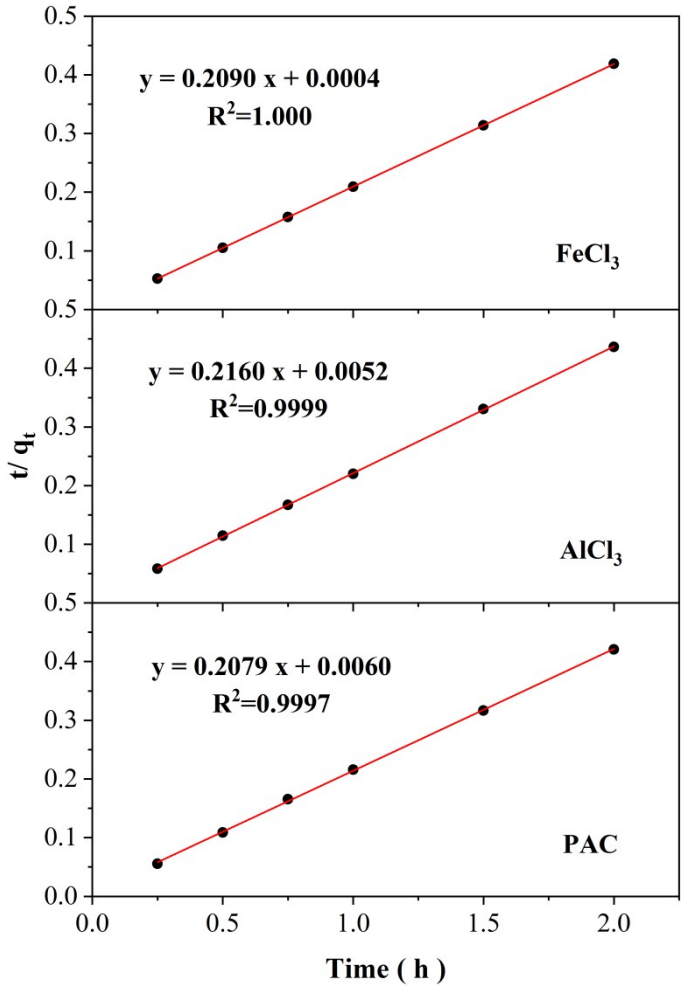

Figure S4 Quasi-second order kinetics model fitting of three coagulants for tetracycline adsorption

● Supplementary Tables

Table S1 Setup of coagulation process steps

Stage	Time (min)	Rotation rate (rpm)	Agentia	G (s^{-1})
Blending	0.5	250		349.5
Drugging	1	0	√	
Mixed rapidly	2	200		250
Flocculation slowly	15	40		22.3
Sedimentation	30	0		

Table S2 The mineral crystals and content of pure flocs of different coagulants produce

Coagulant	Mineral crystal content（%）			
	Allophane	Opal	Tridymite	Hematite
$FeCl_3$	2.6	89.4	7.0	1.0
$AlCl_3$	2.7	90.3	7.0	/
PAC	2.9	90.1	7.0	/