SUPPLEMENTARY MATERIAL

Materials and methods

2.1 Preparation of Simulated Surface Water



Figure S1. Granular Activated Carbon (GAC) column for the dechlorination of tap water.

2.2 Preparation of Polyferric Chloride (PFC)

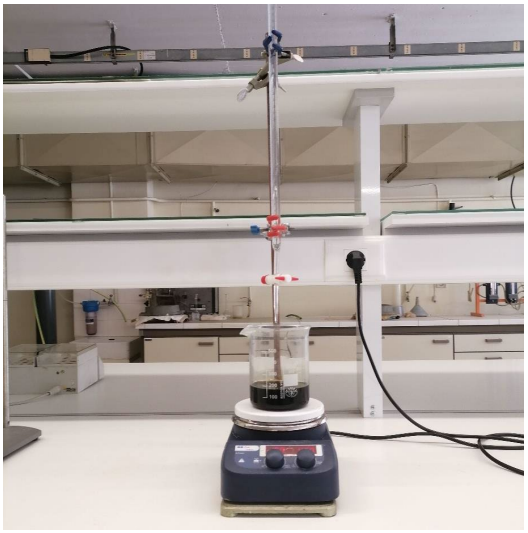


Figure S2. Addition of NaOH for PFC synthesis on a laboratory scale.

2.3 Coagulation/Flocculation Process

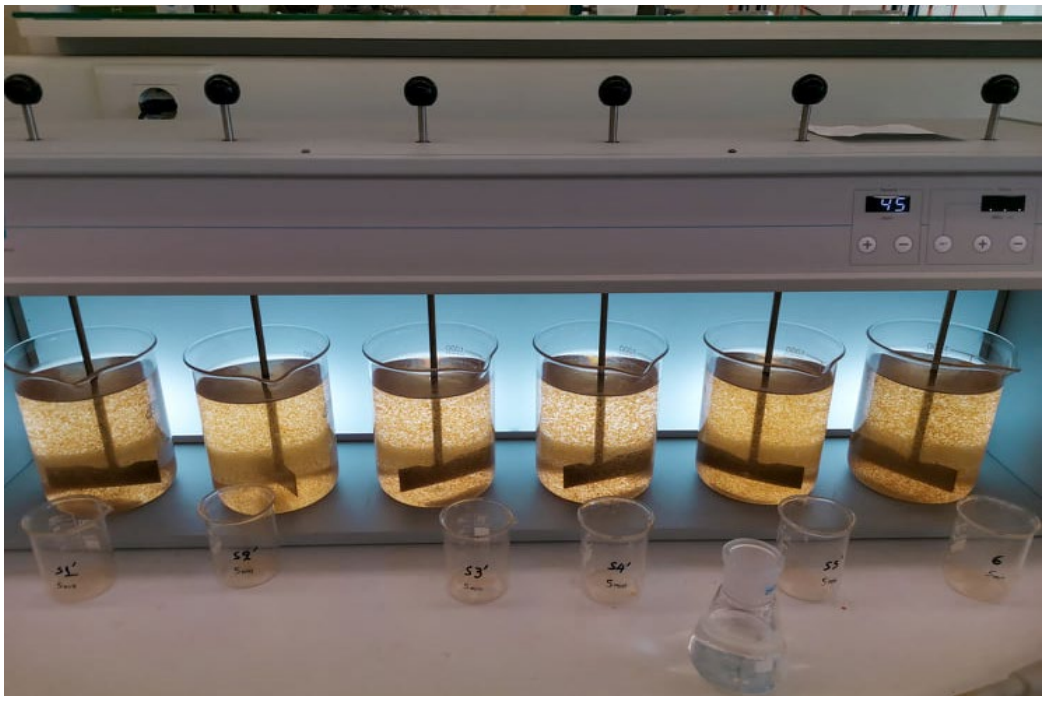


Figure S3. Jar test apparatus.

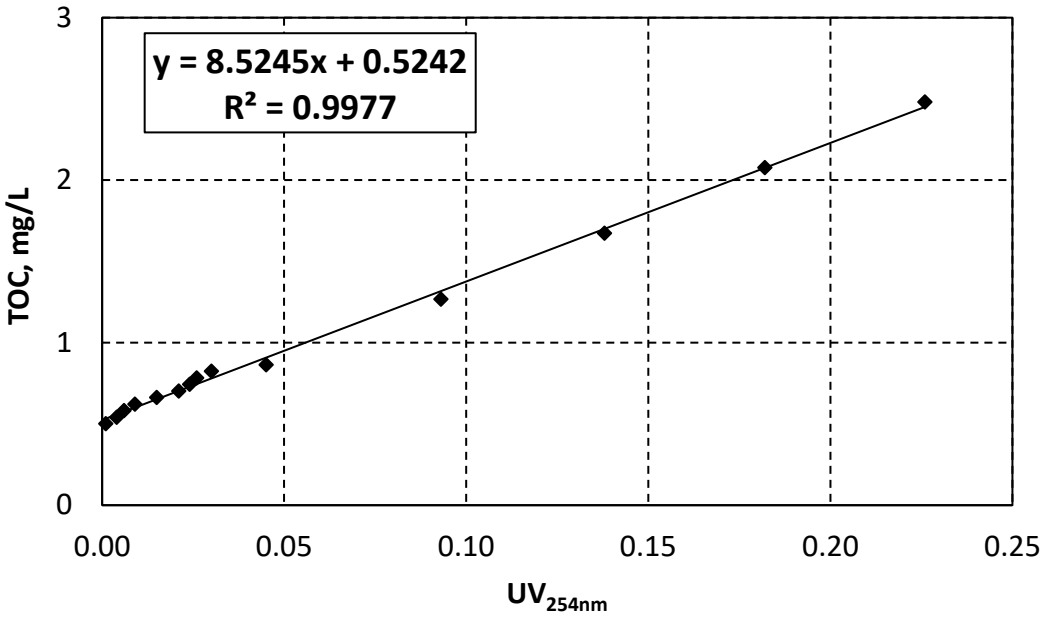


Figure S4. Standard curve for the calculation of Total Organic Carbon (TOC).

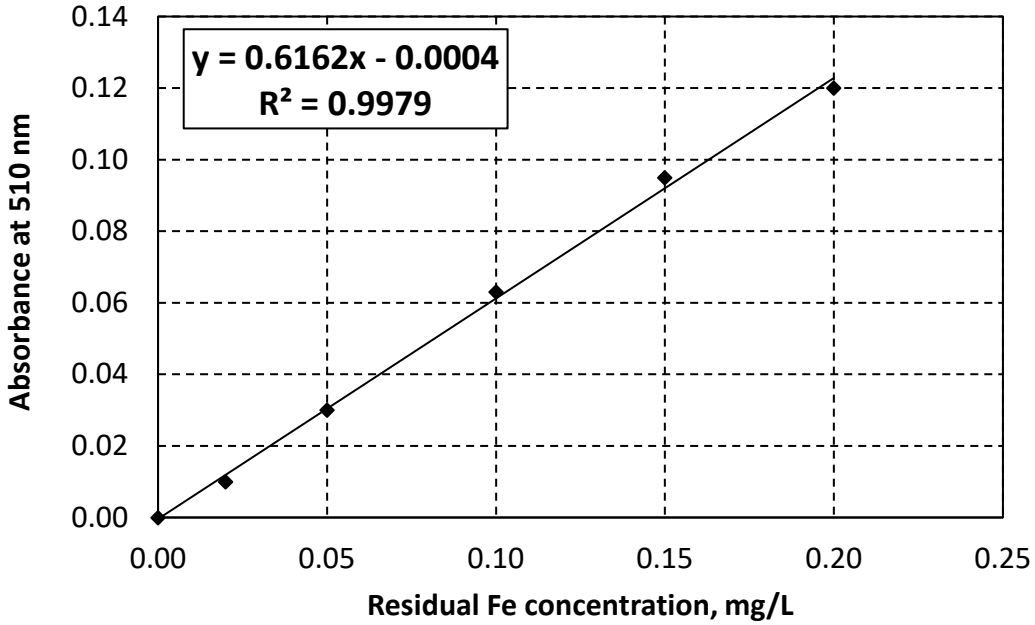


Figure S5. Standard curve for calculating residual Fe concentration.