

Supplementary information document

Experimental investigation of the effect of implanting TiO₂-NPs on PVC for long-term UF membrane performance to treat refinery wastewater

Faris H. Al-Ani¹, Qusay F. Alsalhy² and Rawia Subhi Raheem¹, Khalid T. Rashid², Alberto Figoli³

¹Civil Engineering Department, University of Technology, Alsinaa Street 52, Baghdad, Iraq

²Membrane Technology Research Unit, Chemical Engineering Department, University of Technology, Alsinaa Street 52, Baghdad, Iraq

³Institute on Membrane Technology, National Research Council (ITM-CNR), 87030 Rende (CS), Italy

Corresponding authors: Prof. Dr. Qusay F. Alsalhy; E-mail: qusay_alsalhy@yahoo.com; 80006@uotechnology.edu.iq, Mobile phone: +964-7901730181

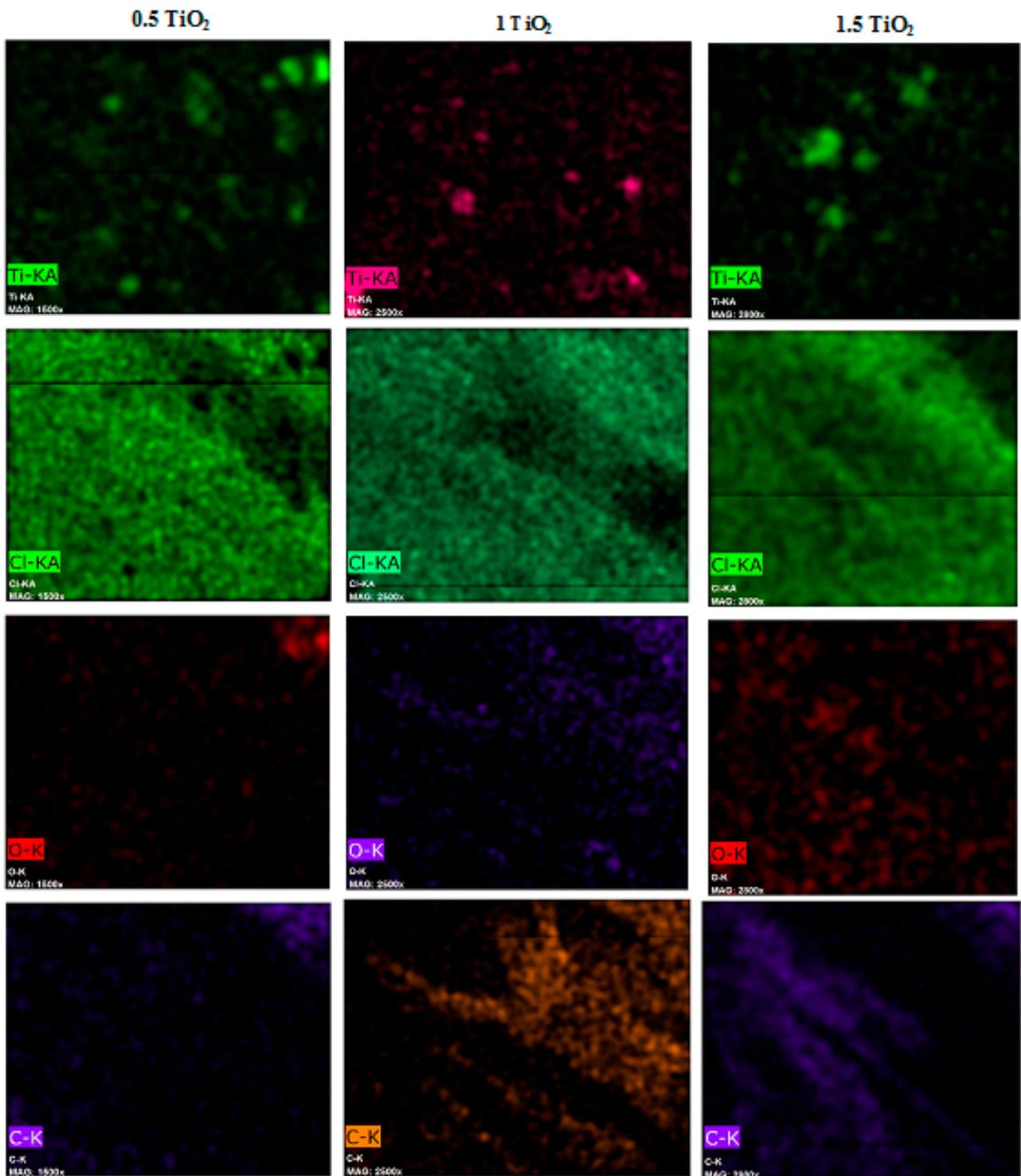


Figure S1. EDX color mapping of elemental analysis of the PVC/TiO₂ membrane.