Synergistic degradation of trimethoprim and its phytotoxicity via the UV/chlorine process: Influencing factors on removal and kinetic

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**General introduction**

This dataset was collected from a lab scale experiment at a department of Environmental Engineering, KMUTT, as a part of Siriluk Ekwong’s Master Thesis research (2020). It is published as supplementary data for other researchers to use in their own work.

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**Purpose of the research**

The research aims to remove trimethoprim via the UV/chlorine process, compared with the chlorination and UV irradiation alone. Also, effect of chlorine doses, pHs, TMP concentrations, free radicals and effluent organic matters on the TMP degradation were investigated. In addition, degradation kinetics of TMP were revealed. Each experiment was conducted in triplicate. All dataset is shown in “000 Removal efficiency.xlsx”.