

## **Assessing the Rheological, Mechanical, and Photocatalytic Properties of Niobium Oxide-Incorporated White Cement Pastes**

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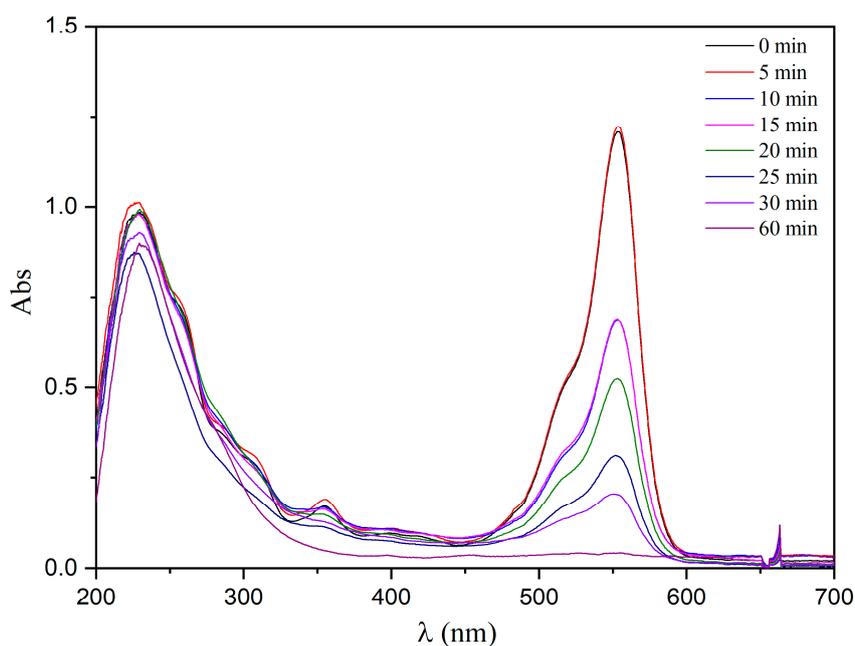
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This supplementary file contains the following figures:

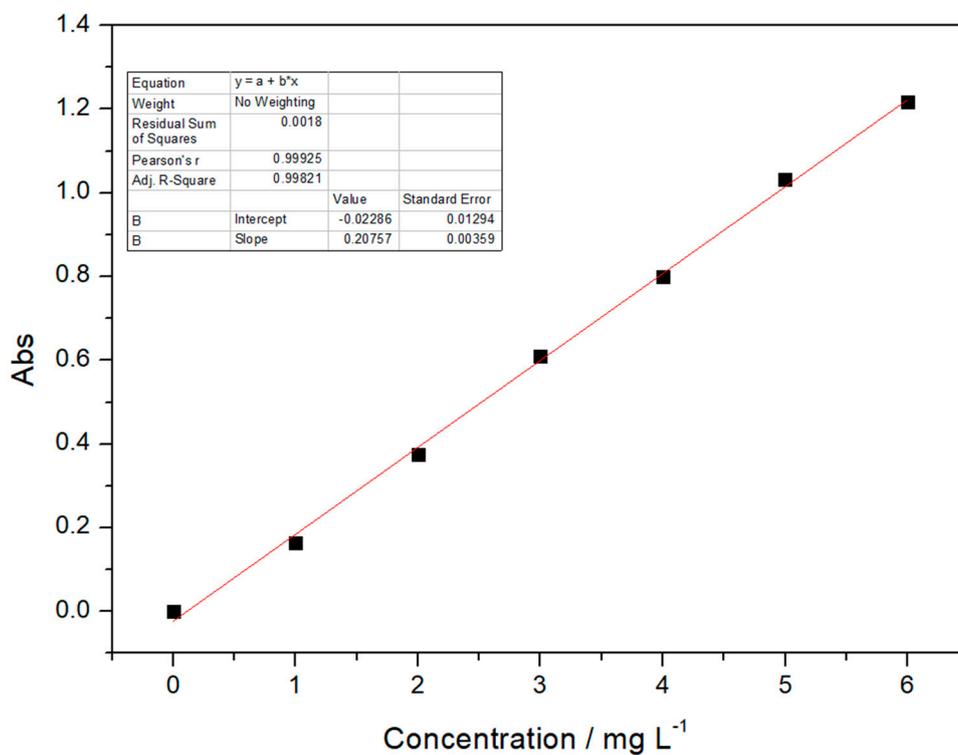
**Figure S1** – Example of complete absorbance spectra of Rhodamine B solution during the photodegradation reaction. In this example, commercial Nb<sub>2</sub>O<sub>5</sub> was used as a catalyst in a solution without pH adjustment.

**Figure S2** – Calibration curve of RhB.

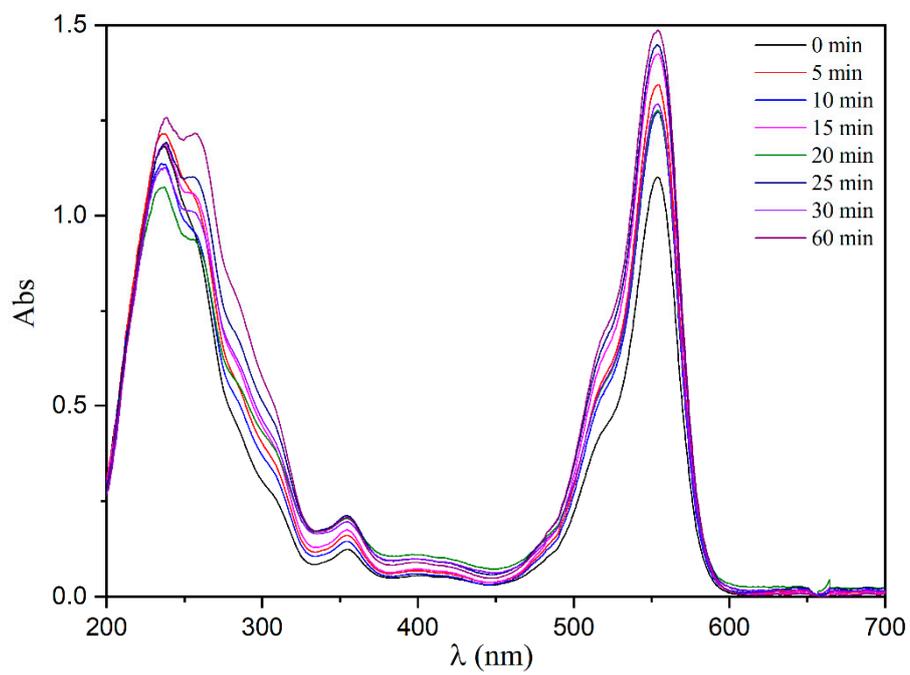
**Figure S3** – Absorbance spectra of Rhodamine B solution (pH 10) during the photodegradation reaction with commercial Nb<sub>2</sub>O<sub>5</sub> as a catalyst.



**Figure S1.** Example of complete absorbance spectra of Rhodamine B solution during the photodegradation reaction. In this example, commercial Nb<sub>2</sub>O<sub>5</sub> was used as a catalyst in a solution without pH adjustment.



**Figure S2.** Calibration curve of RhB solution.



**Figure S3.** Absorbance spectra of Rhodamine B solution (pH 10) during the photodegradation reaction with commercial  $\text{Nb}_2\text{O}_5$  as a catalyst.