

Supplementary Information

Microwave-Assisted Oxidation of Organic Matter Using Diluted HNO_3 under O_2 Pressure: Rationalization of the Temperature Gradient Effect for Acid Regeneration

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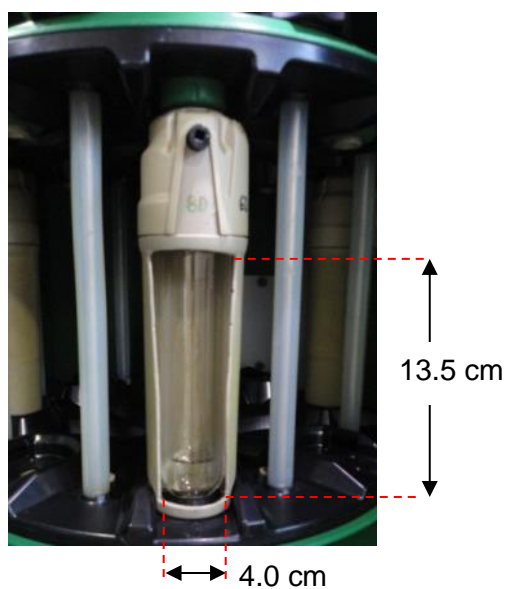


Figure S1. Reaction vessel with protective casing especially designed for infrared images recording.

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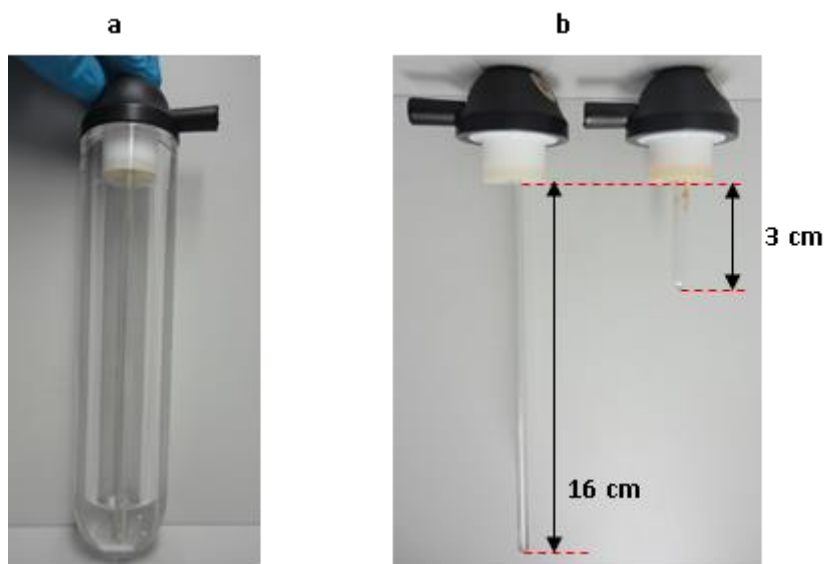


Figure S2. (a) Quartz vessel with internal sapphire immersion tube to insert a thermocouple sensor for temperature measurement; (b) different length internal tubes: a 16 cm for temperature measurement in the liquid and a 3 cm for the measurement in the gas phase.