nanomaterials

MDPI

Supplementary Materials

Microwave-Assisted Vacuum Synthesis of TiO_2 Nanocrystalline Powders in One-Pot, One-Step Procedure

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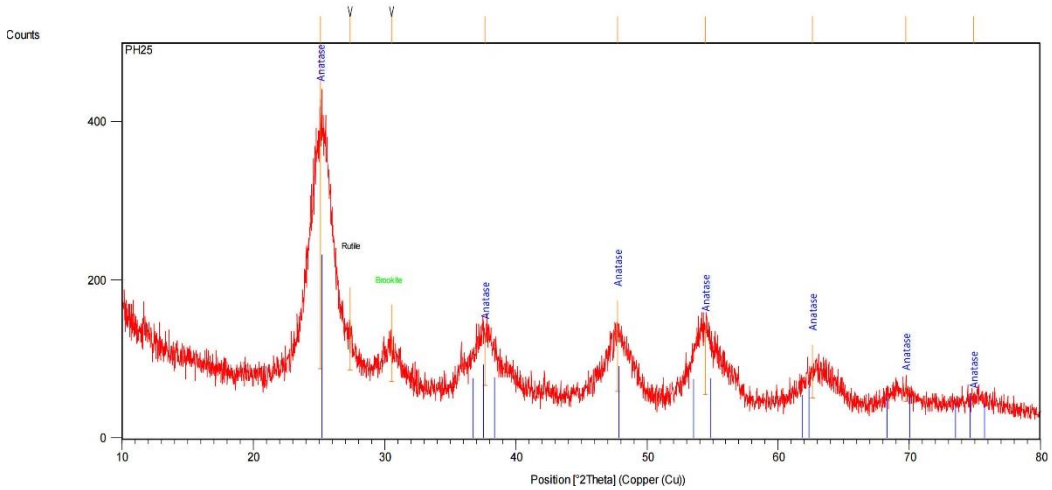

Figure S1. XRD pattern of reference material PH000025.

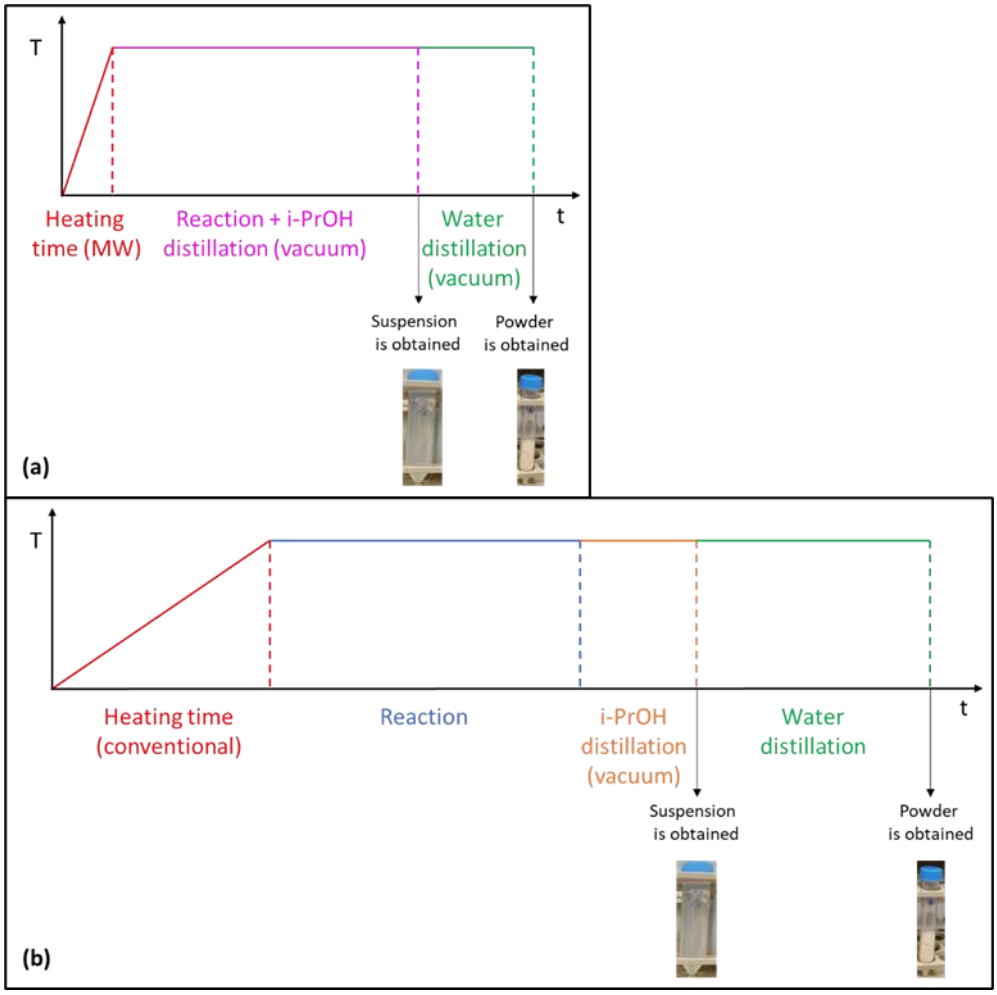

Figure S2. Example process schemes of (**a**) conventional TiO_2 synthesis and (**b**) the MW-assisted vacuum synthesis of the same material developed in this work. The main advantages in time saving are in the fastest MW heating and in the reaction step, which is performed at the same time of distillation, thus reducing reaction times in the second process.