Supporting Online Information

Additional Methods

Thermo-gravimetric analyses were carried out using a Netzsch STA 449 C thermobalance apparatus. Powdered samples (of approximately 40 mg) were heated in an air atmosphere in a Pt crucible (with lid) at a heating rate of 10°C/min up to a temperature of 100°C. The samples were then left at 100°C for 60 minutes, to ensure they were completely dry. Samples were then heated to a target temperature of 1000°C, again at 10°C/min.

X-ray diffraction (XRD) was performed in transmission geometry on a Stoe Kristalloflex diffractometer (CuKα1-radiation $\lambda = 1.544056$ Å, curved Ge (111) monochromator).

Optical microscopy was performed using a Leica DM2500 (equipped for both transmitted and reflected light) microscope with a mounted 5 megapixel Leica DFC425 digital camera.