



X-ray measurements performed with Skyscan 1074 fan-beam x-ray source micro-CT scanner, in a temperature-controlled sub-chamber of the cold room in which the samples were grown and prepared, returning a 3D image of x-ray absorption.

Cylindrical sample holders were mounted on a stage and rotated about the vertical axis, with an x-ray absorption image taken at each 1° step. Data were output as a serial stack of 736 x 736 pixel, 8-bit bitmap images of x-ray absorption.