

Supporting information: Adsorption of oral antibacterial agents on zirconia surfaces with different crystal systems

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FT-IR measurements

The chemical bonding structure of the samples was determined via Fourier transform infrared (FT-IR) spectroscopy (FT/IR-4200, JASCO Co., Tokyo, Japan) using a triglycine sulfate detector (64 scans, 4 cm⁻¹ resolution) with a diamond attenuated total reflection prism. The measurements were obtained in an air atmosphere.

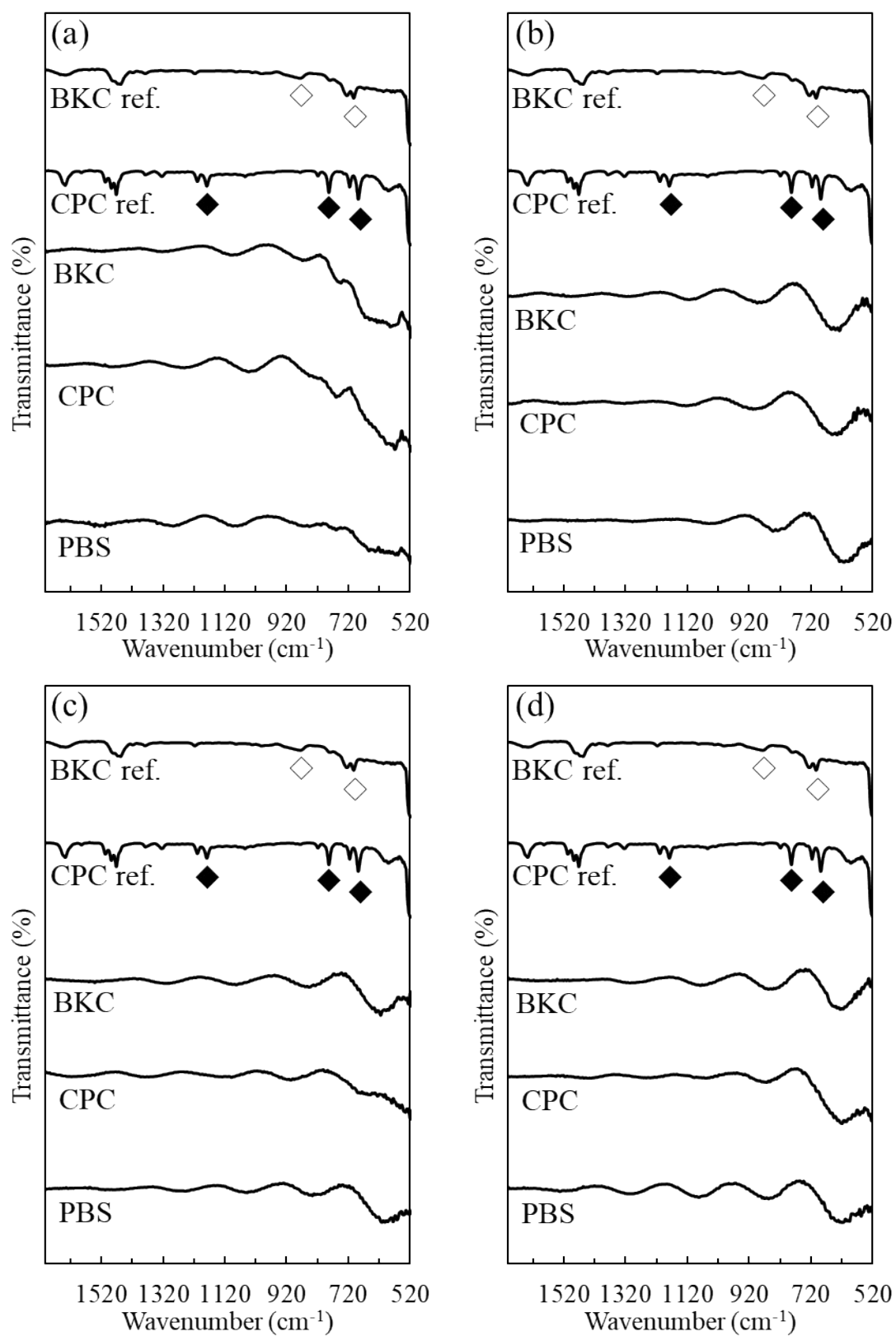


Fig. S1 FT-IR spectra of the samples. (a) ZrO₂, (b) 3Y-TZP, (c) 4Y-TZP, and (d) 6Y-TZP. The diamond symbols indicate the major peaks of the CPC and BKC references.