

SUPPORTING INFORMATION

Carboxymethylcellulose films containing chlorhexidine-zirconium phosphate nanoparticles: antibiofilm activity and cytotoxicity

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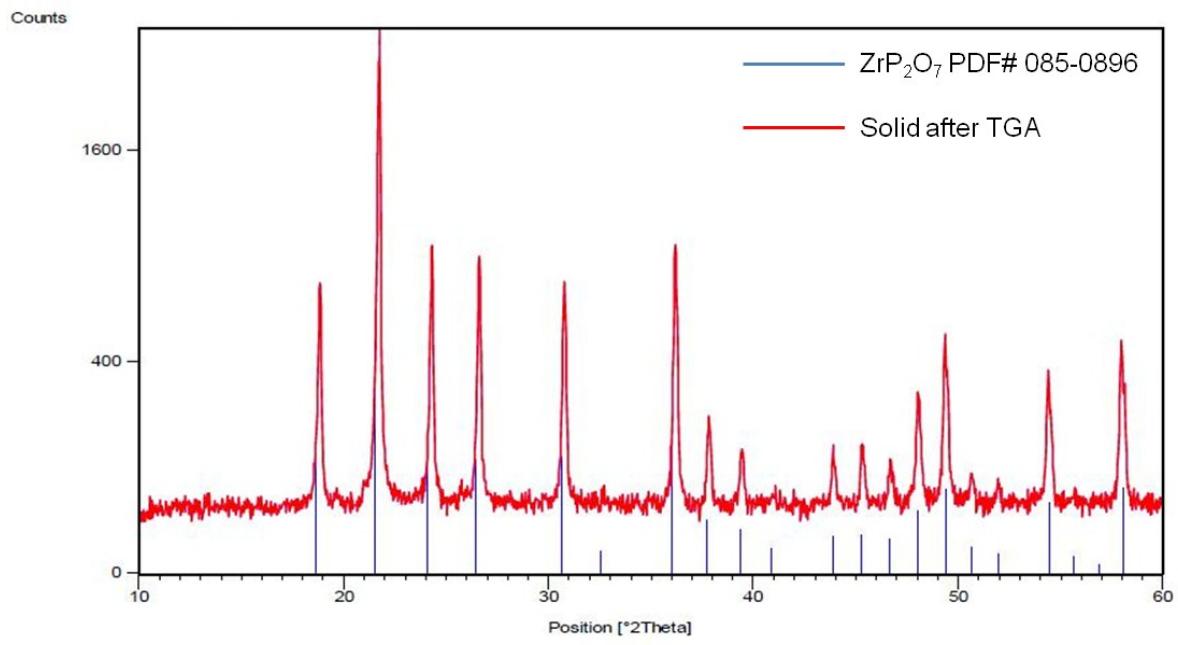


Figure S1. XRPD patterns of the solid recovered after TGA and of the cubic phase of ZrP₂O₇ (PDF# 085-0896).

Table S1. Moisture uptake (expressed as wt%) of SCMC and SCMC based composite films after 48 h.

Film	Moisture uptake
SCMC	30.0
SCMC/CLX-2.5%	32.7
SCMC/ZrP-5%	30.3
SCMC/ZrP(CLX)-1%	30.8
SCMC/ZrP(CLX)-2.5%	31.7
SCMC/ZrP(CLX)-5%	30.7

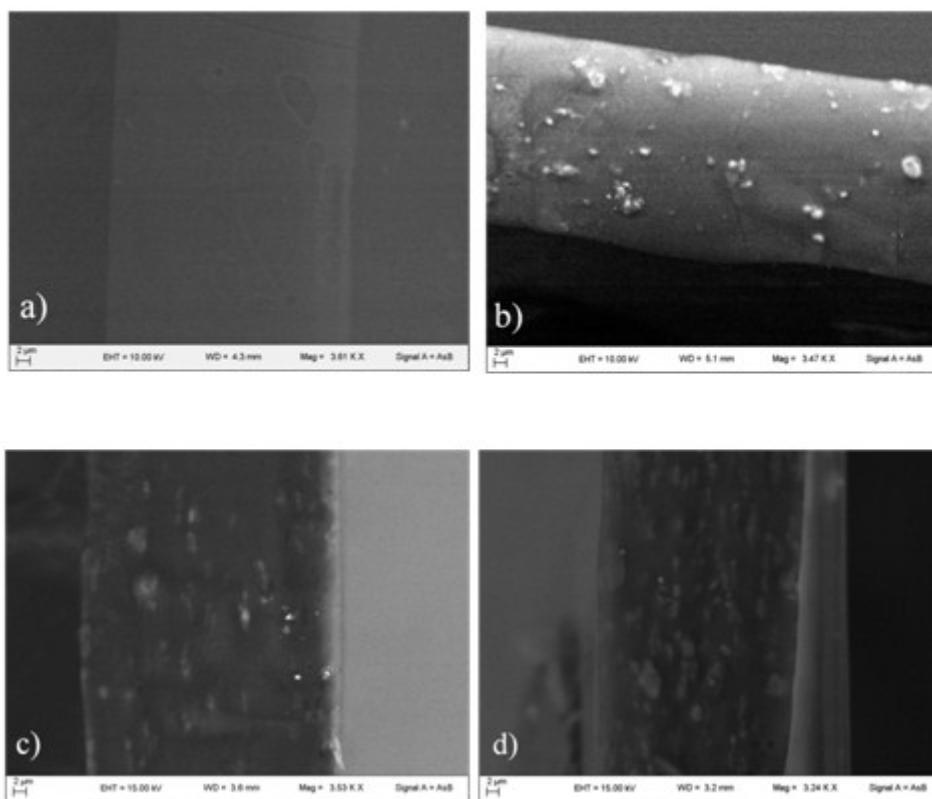


Figure. S2 SEM images of the fracture surface for: SCMC a), SCMC/ZrP(CLX)-1%, b) SCMC/ZrP(CLX)- 2.5% c), SCMC/ZrP(CLX)-5% d).