

## Electronic Supplementary Information:

### How important is polyelectrolyte complex formation in biomimetic mineralisation? Manipulation via alcohol addition

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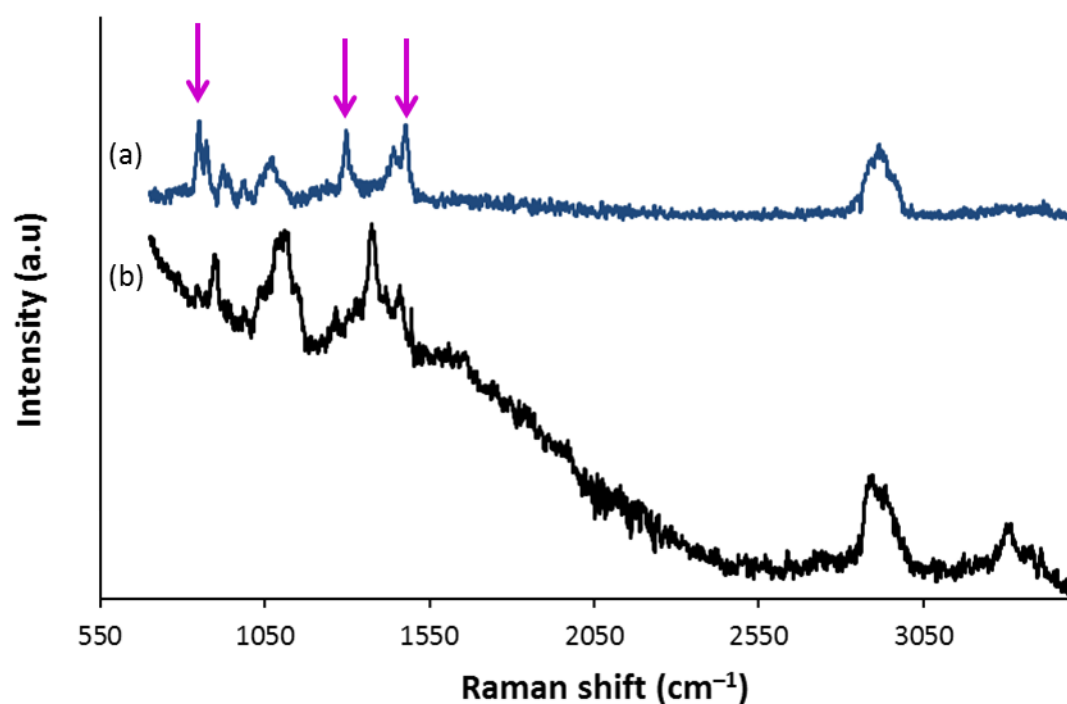


Figure S1 – Raman spectra of a chitosan film prepared with 20% 1,3-propanediol (a) oven-dried for 24 hours and (b) after base treatment and washing. The arrows indicate peaks due to the solvent 1,3-propanediol.

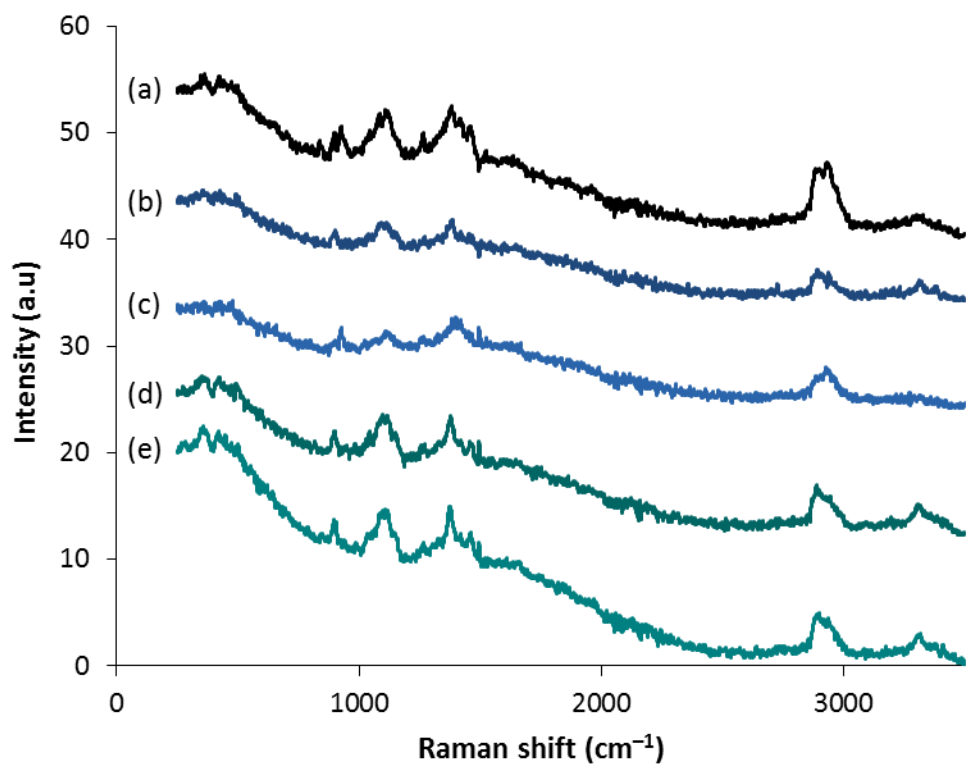


Figure S2 – Raman spectra of dried and based treated chitosan films prepared from chitosan solutions containing (a) no alcohol, (b) ethanol, (c) propanol, (d) 1,2 propandiol and (e) 1,3-propandiol.