**Supplementary Information**

![Supplementary Information](image)

**Figure S1** $^{27}$Al MAS NMR spectra of the pure phased AEL, AFI and LTA structures

$^{27}$Al MAS NMR spectra unambiguously indicate that the Al species in the solid products are tetrahedral, penta-coordinated and octahedral Al, and most of them are framework Al species.\(^1\)\(^-\)\(^3\)
**Figure S2** $^{31}$P MAS NMR spectra of the pure phased AEL, AFI and LTA structures.

The signals at -22 and -29 ppm in the $^{31}$P MAS NMR spectra can be ascribed to the fully condensed P i.e. framework P species in the solid products.$^{1-3}$

**References**