

Supplementary information

Calcium hydride with aluminium for thermochemical energy storage applications

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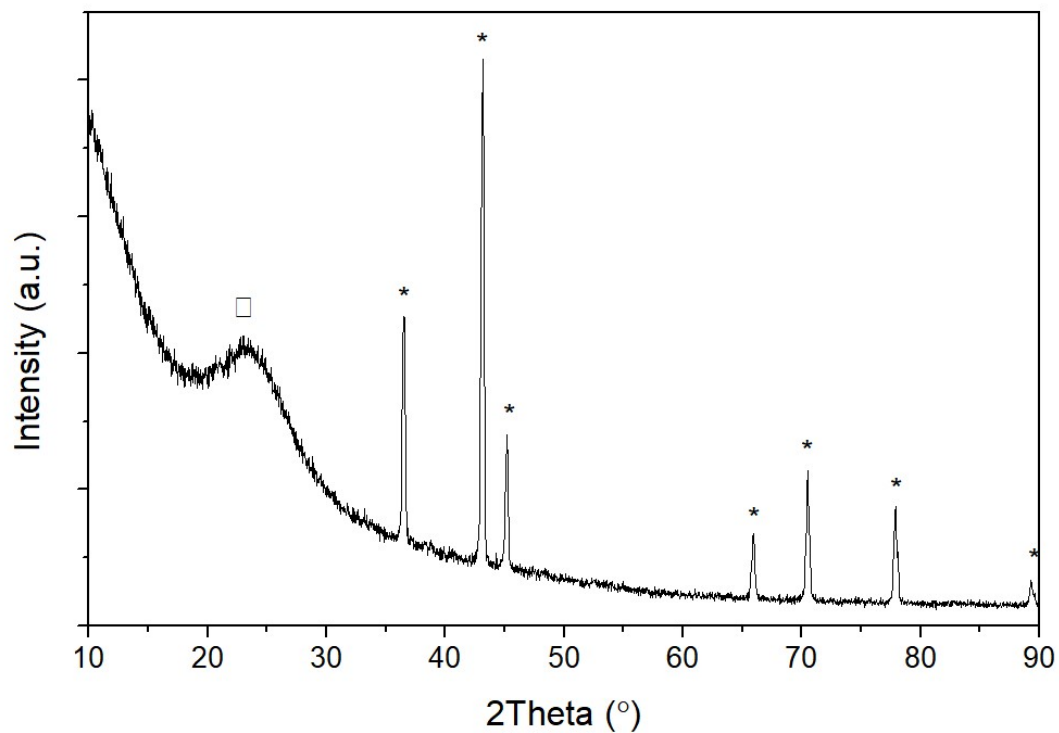


Figure S1. XRD pattern of $\text{CaH}_2\text{-Al}_2$ after PCI analysis (> 5 cycles) left in the desorbed state.

Markers: * CaAl_2 ; \blacksquare Amorphous hump due to poly(methylmethacrylate) (PMMA) airtight dome used to prevent oxygen/moisture contamination during data collection. $\lambda = 1.79 \text{ \AA}$.