

## Supporting information

Promoted dehydrogenation in ammine lithium borohydride

supported by carbon nanotubes

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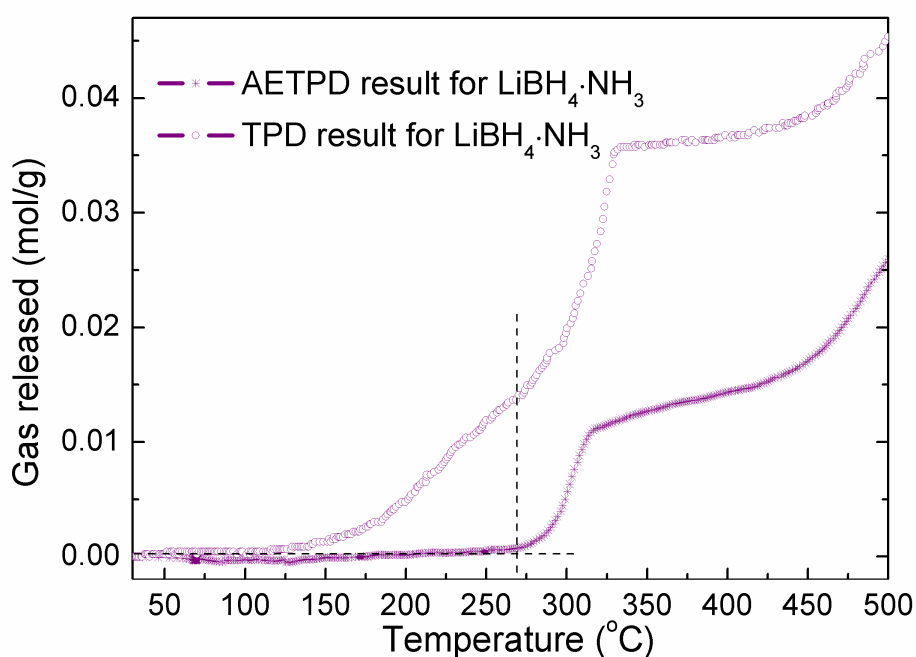


Figure S1 Ammonia eliminating temperature-programmed desorption (AETPD) and TPD results of gas evolution for LiBH<sub>4</sub>·NH<sub>3</sub> with a heating rate of 5 °C/min. It shows that NH<sub>3</sub> emissions can be totally eliminated before 270 °C. Therefore, 270 °C was the upper limit of temperature in the AETPD experiments (Figure 5).