

# Supporting Information

## **Effects of Acetonitrile-Assisted Ball-Milled Aluminum Nanoparticles on the Ignition of Acoustically Levitated *exo*-Tetrahydrodicyclopentadiene (JP-10) Droplets**

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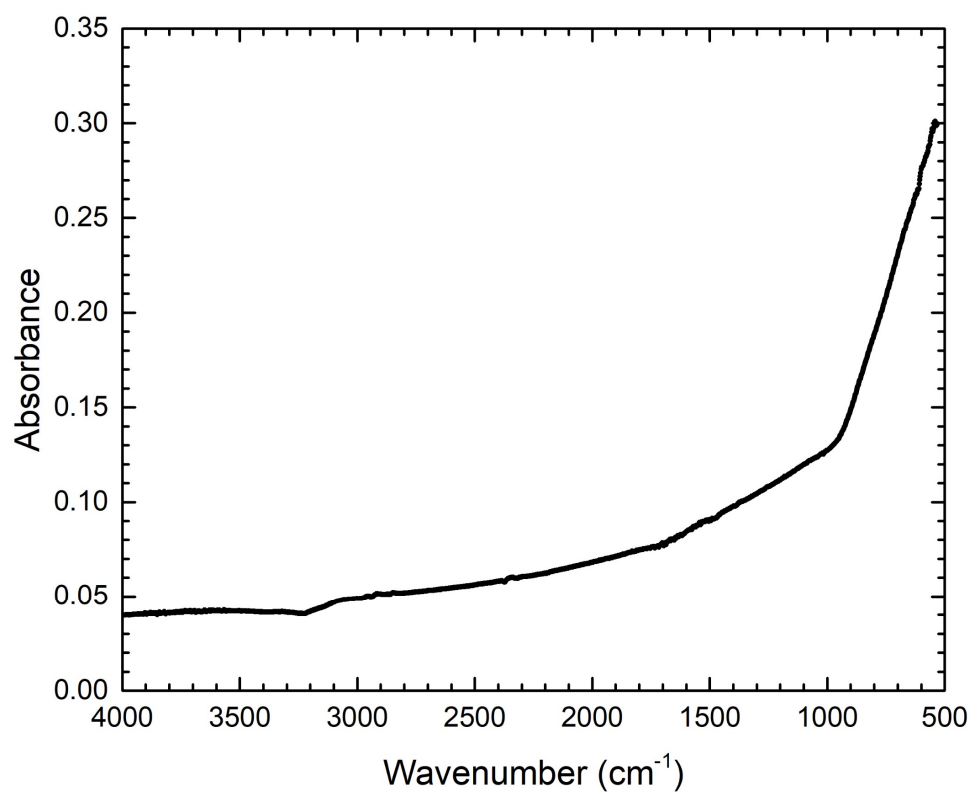


Figure S1. ATR-FTIR spectrum of the acetonitrile-assisted ball-milled aluminium nanoparticles.

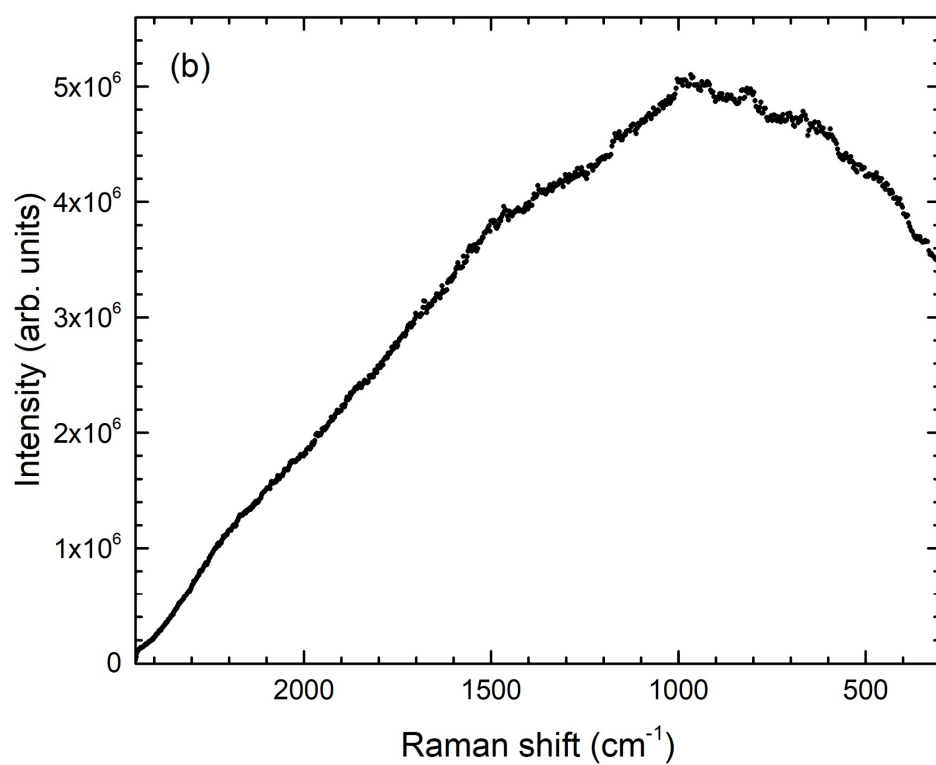
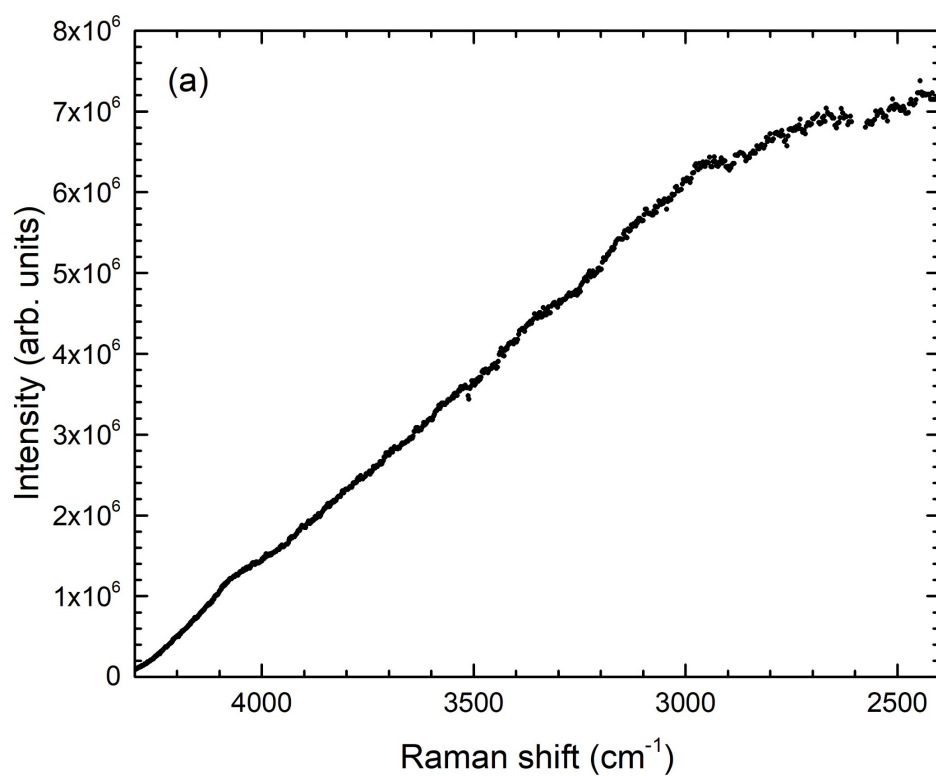


Figure S2. Raman spectra of the acetonitrile-assisted ball-milled aluminium nanoparticles in the (a) high- and (b) low-Raman shift regions.