Electronic Supplementary Material (ESI) for RSC Advances.

Supplementary Information

Step-by-Step Monitoring of CVD-Graphene during Wet Transfer by Raman Spectroscopy

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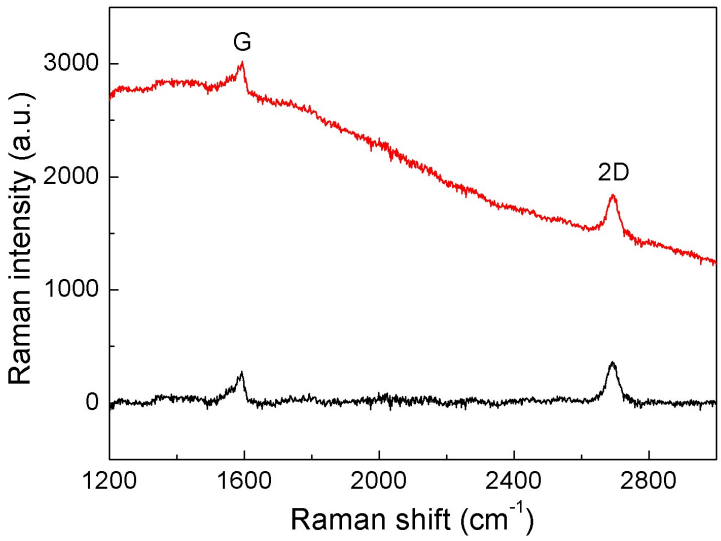

Fig. S1. The Raman spectra of graphene on Cu (red) and after the background subtraction (black). With a 532-nm excitation laser, Cu substrate shows a strong fluorescence background and without a precise determination of the background line, the positions and lineshapes of graphene's peaks are difficult to be analyzed.

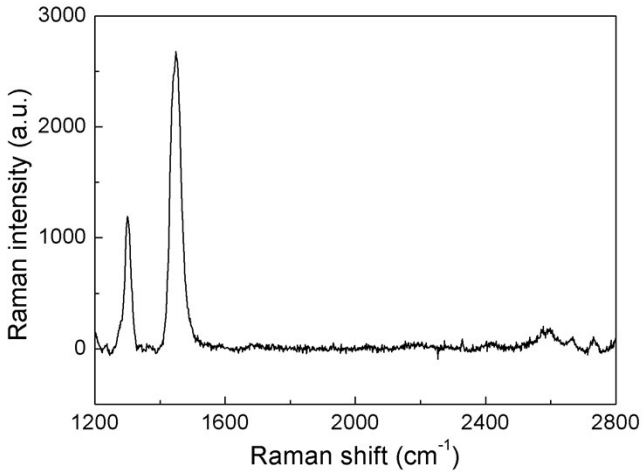

Fig. S2. The Raman spectrum of *n*-heptane, derived by directly measuring the liquid. It shows no overlap peaks for the graphene G-peak region. Moreover, when *n*-heptane is used in graphene transfer, the very small amount of n-heptane shows no observable peaks when compared with

that from graphene (as shown in Fig. 1c), therefore has no influence in the data analysis in the manuscript.