

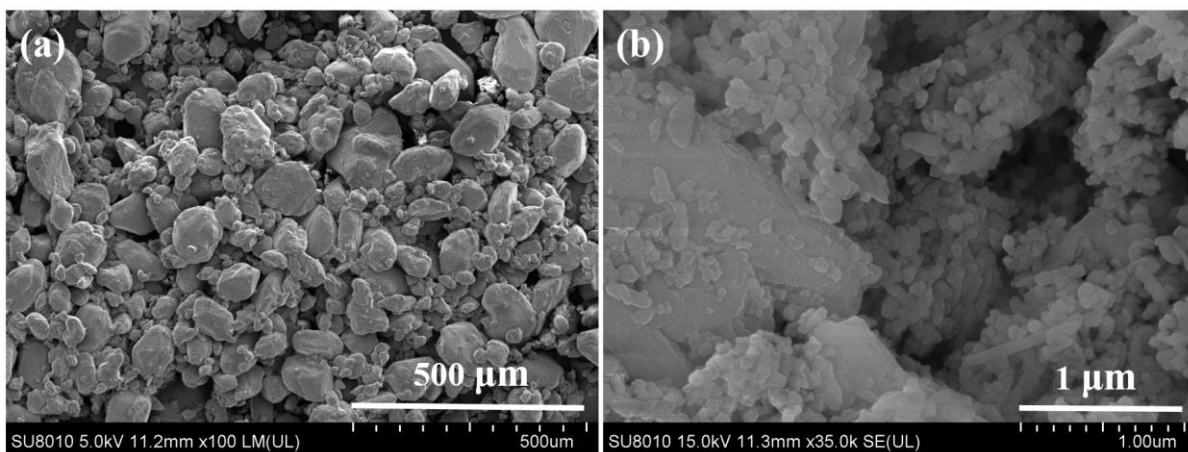
# **Self-assembled Synthesis of Graphene Tubes from Melamine Catalyzed by Calcium Carbonate**

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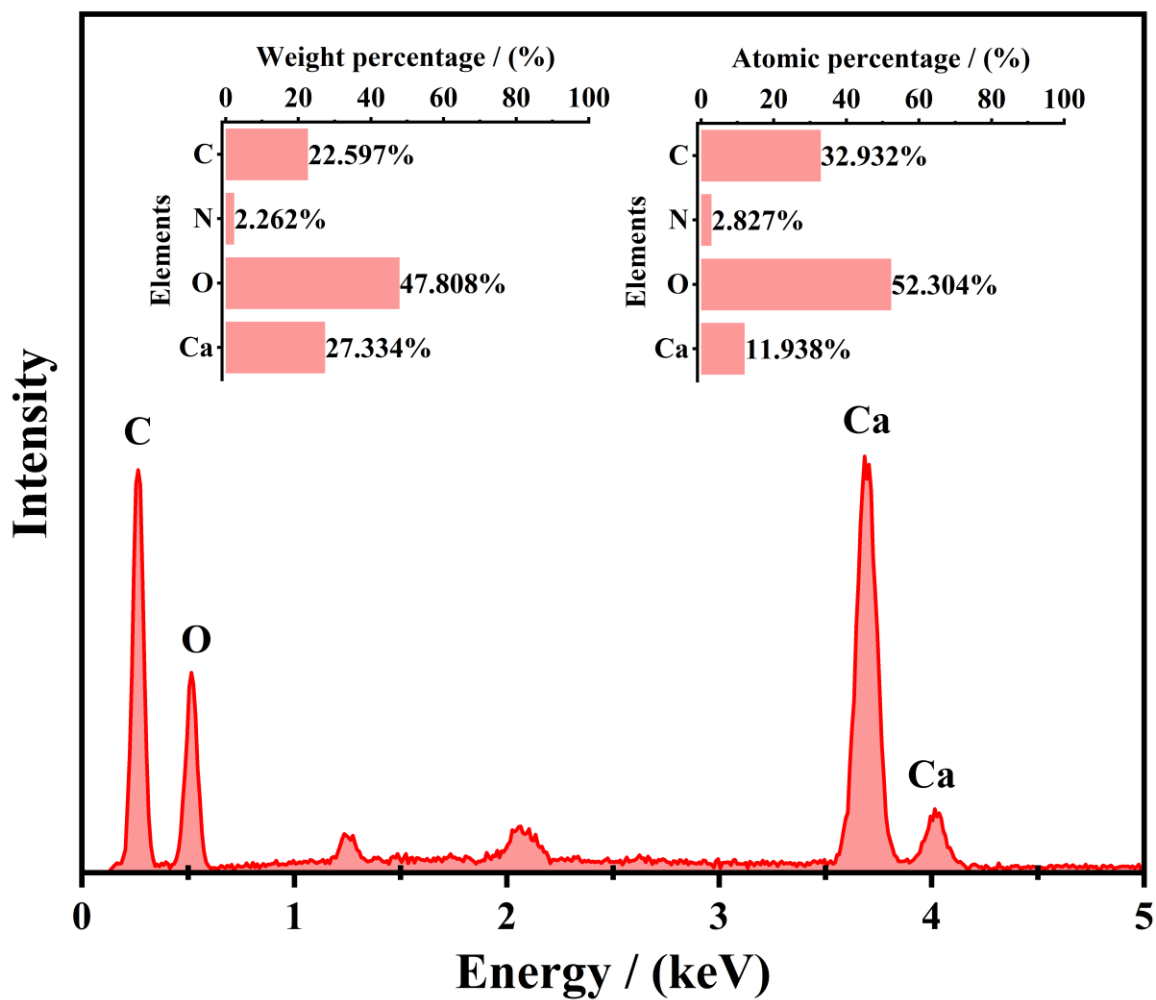
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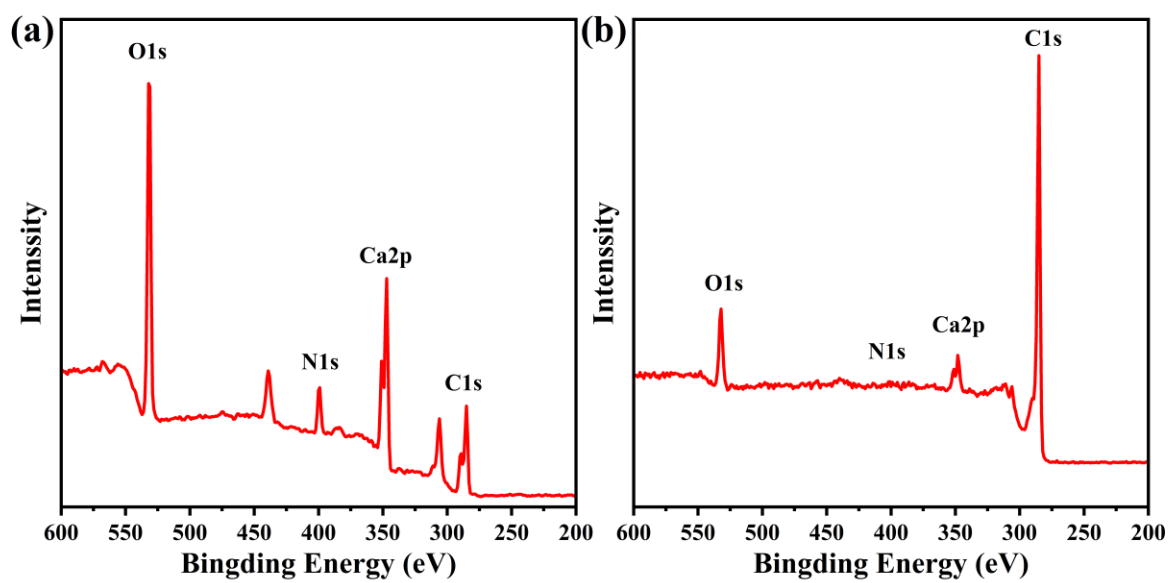
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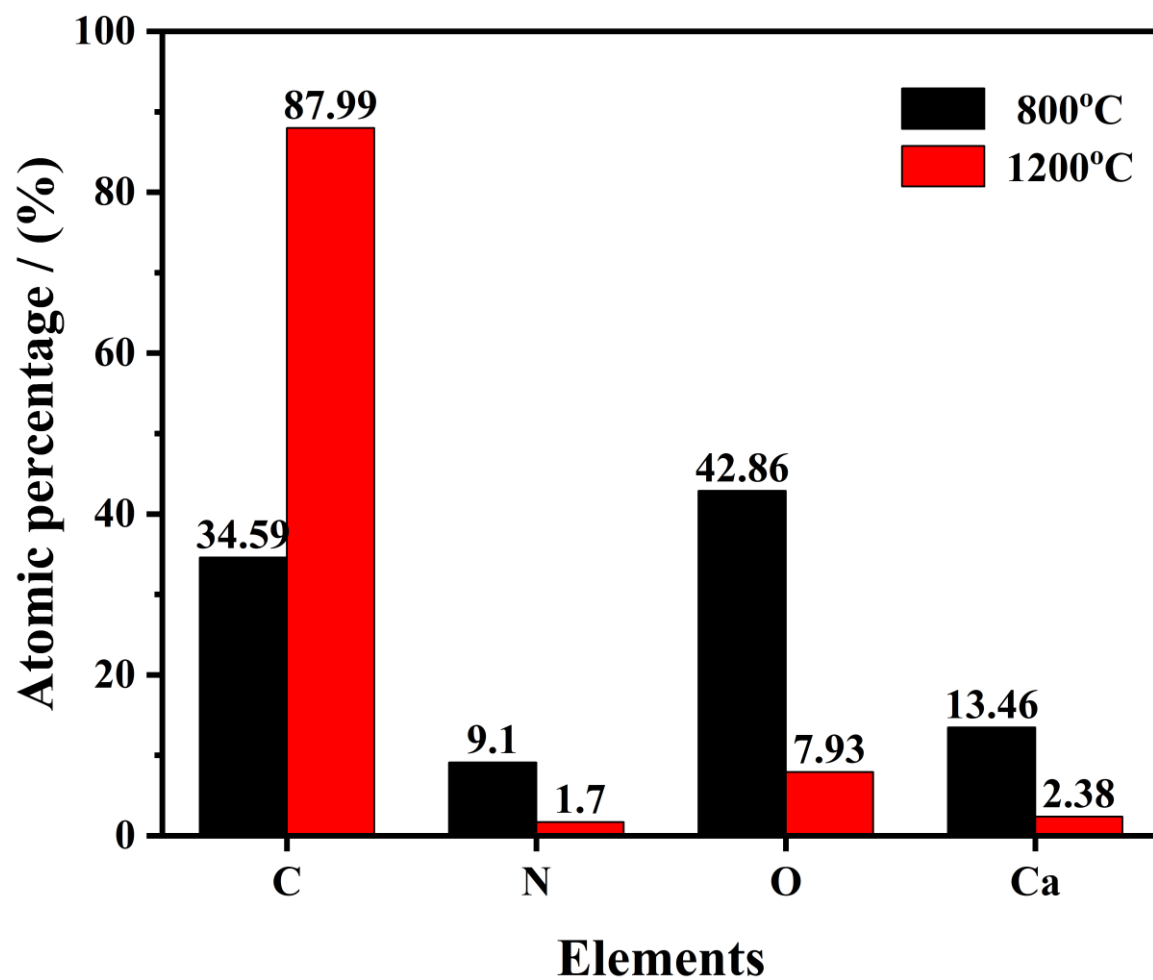
**Figure S1.** The SEM images of (a) pure melamine, (b) Nano-calcium carbonate.



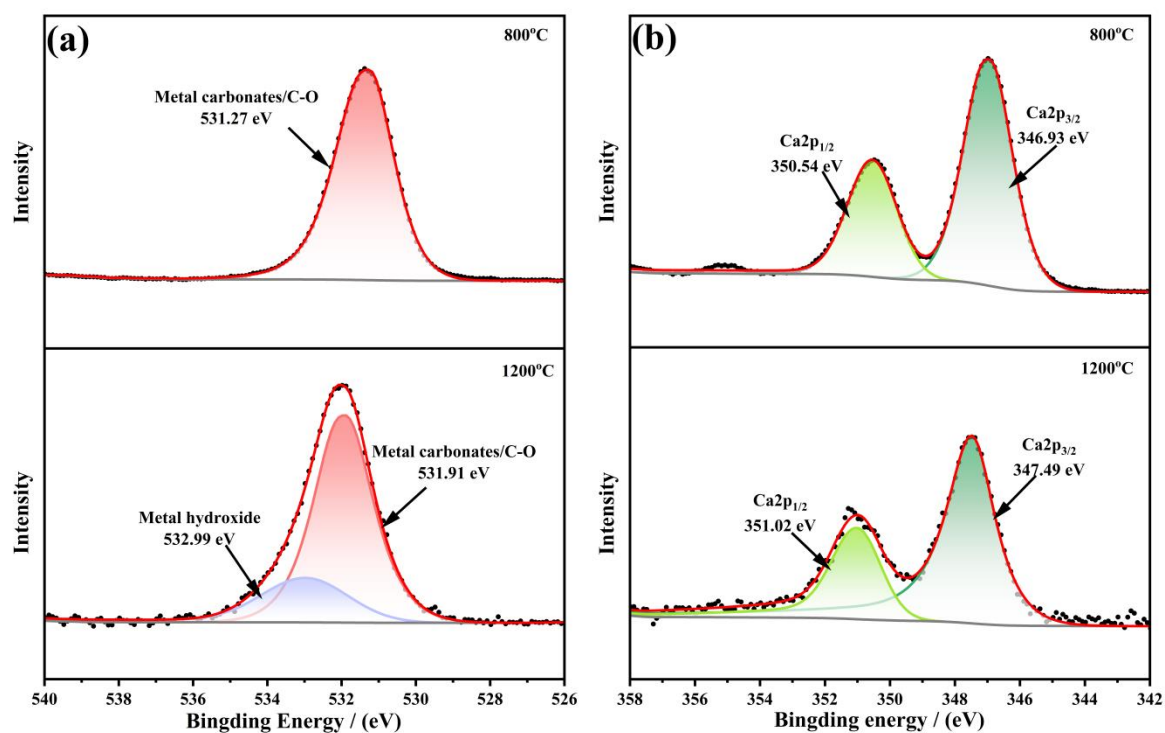
**Figure S2.** The EDS spectra of the GTs surface of carbon products obtained at 1100°C.



**Figure S3.** XPS survey spectrum of the carbon products obtained at (a)800°C and (b)1200°C.



**Figure S4.** Elemental quantification results obtained from XPS analysis for the carbon products obtained at 800°C and 1200°C.



**Figure S5.** (a) O 1s high-resolution XPS spectrum, and (b) Ca 2p high-resolution XPS spectrum of the carbon products obtained at 800°C and 1200°C.