

Supporting information

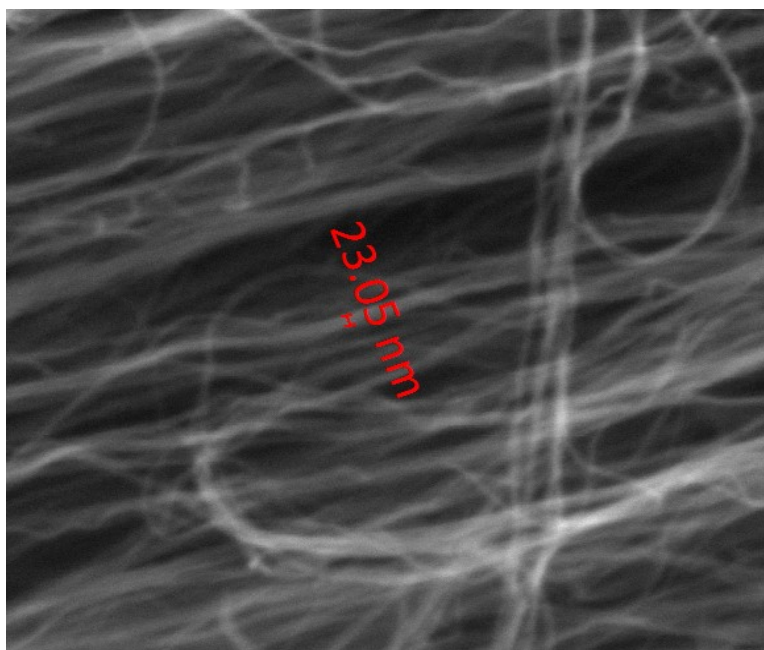


Fig. S1. SEM images for the CNTs fiber.

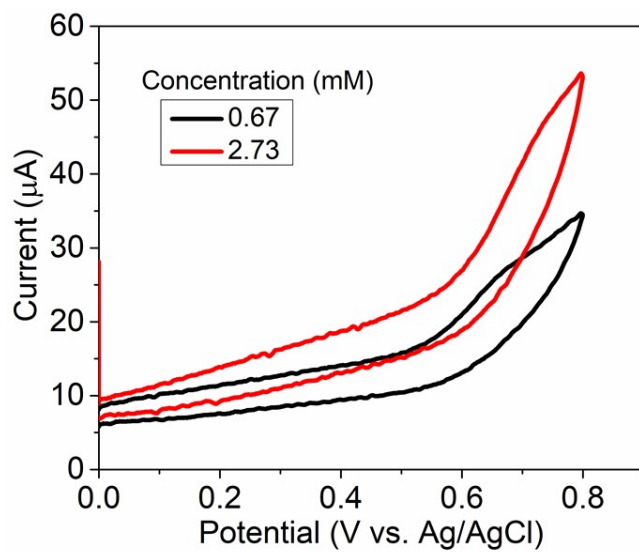


Fig. S2. Cyclic voltammograms for the lower and higher concentration of cartab at CNTs fiber.

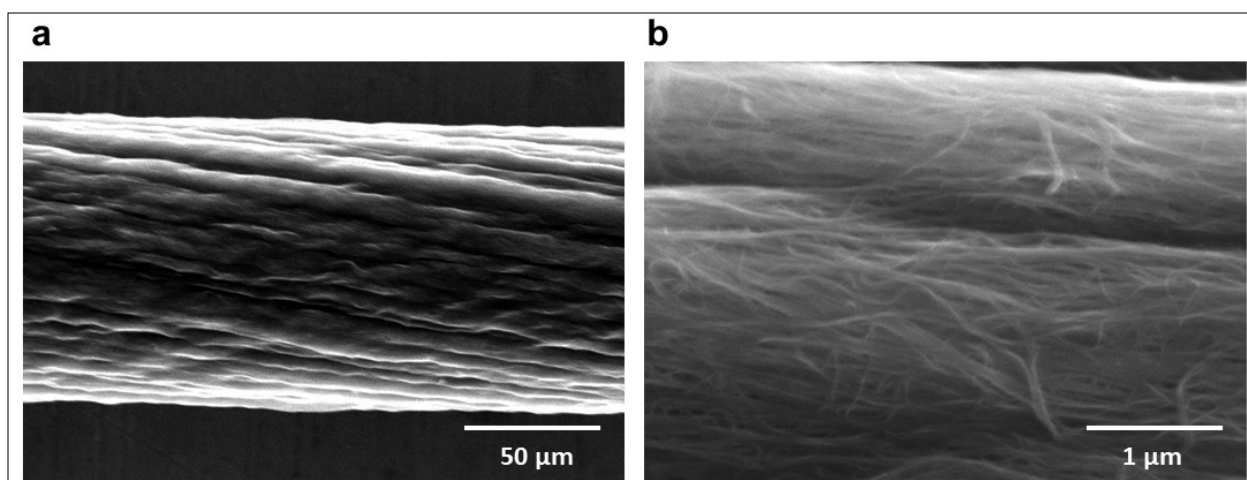


Fig. S3. SEM images for the CNTs fiber after electrocatalysis with (a) lower and (b) higher resolution.