

Supplementary Materials

Rheological and Electrochemical Properties of Biodegradable Chia Mucilage Gel Electrolyte Applied to Supercapacitor

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Table of contents

- 1. Digital camera images of chis mucilage gel after 2 and 3 days**
- 2. Images for activated carbon electrode**
- 3. Magnified Nyquist plot for the fabricated supercapacitor after stability test**

1. Digital camera images of chis mucilage gel after 2 and 3 days

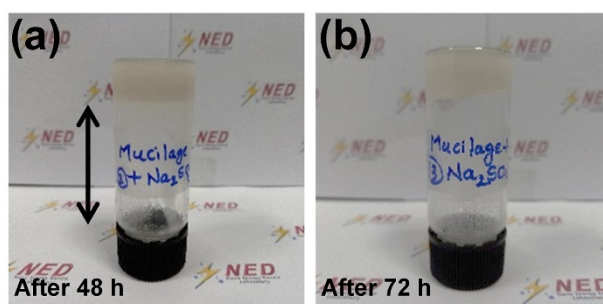


Figure S1. Digital camera images for showing fluidic property of the chia mucilage gel after (a) 48 h and (b) 72 h.

2. Images for activated carbon electrode

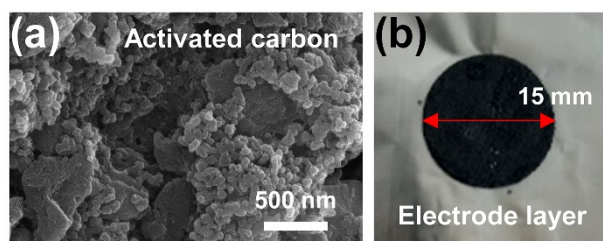


Figure S2. (a) SEM image of the activated carbon electrode surface. (b) Digital camera image of the activated carbon electrode.

3. Magnified Nyquist plot for the fabricated supercapacitor after stability test

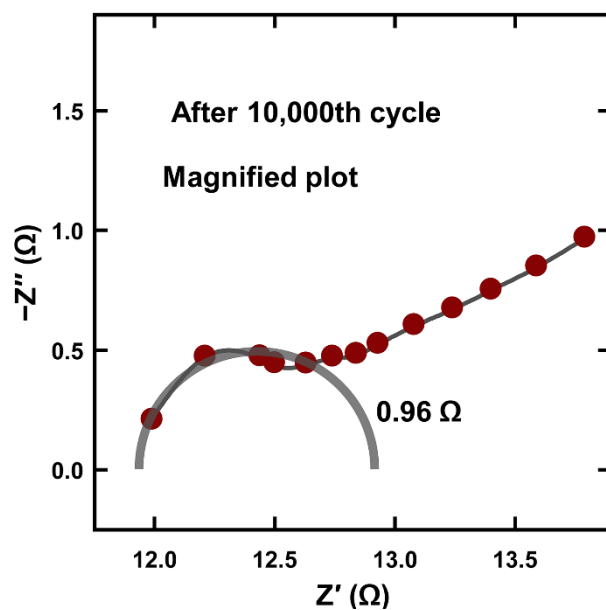


Figure S3. Magnified Nyquist plot for the fabricated chia mucilage gel electrolyte based electric double layer capacitor (EDLC) at the high-frequency region after 10,000 cycles of charging/discharging.