Supporting Information

Enhanced Skin Adhesive Property of Electrospun α-cyclodextrin/Nonanyl Group-modified Poly(vinyl alcohol) Inclusion Complex Fiber Sheet

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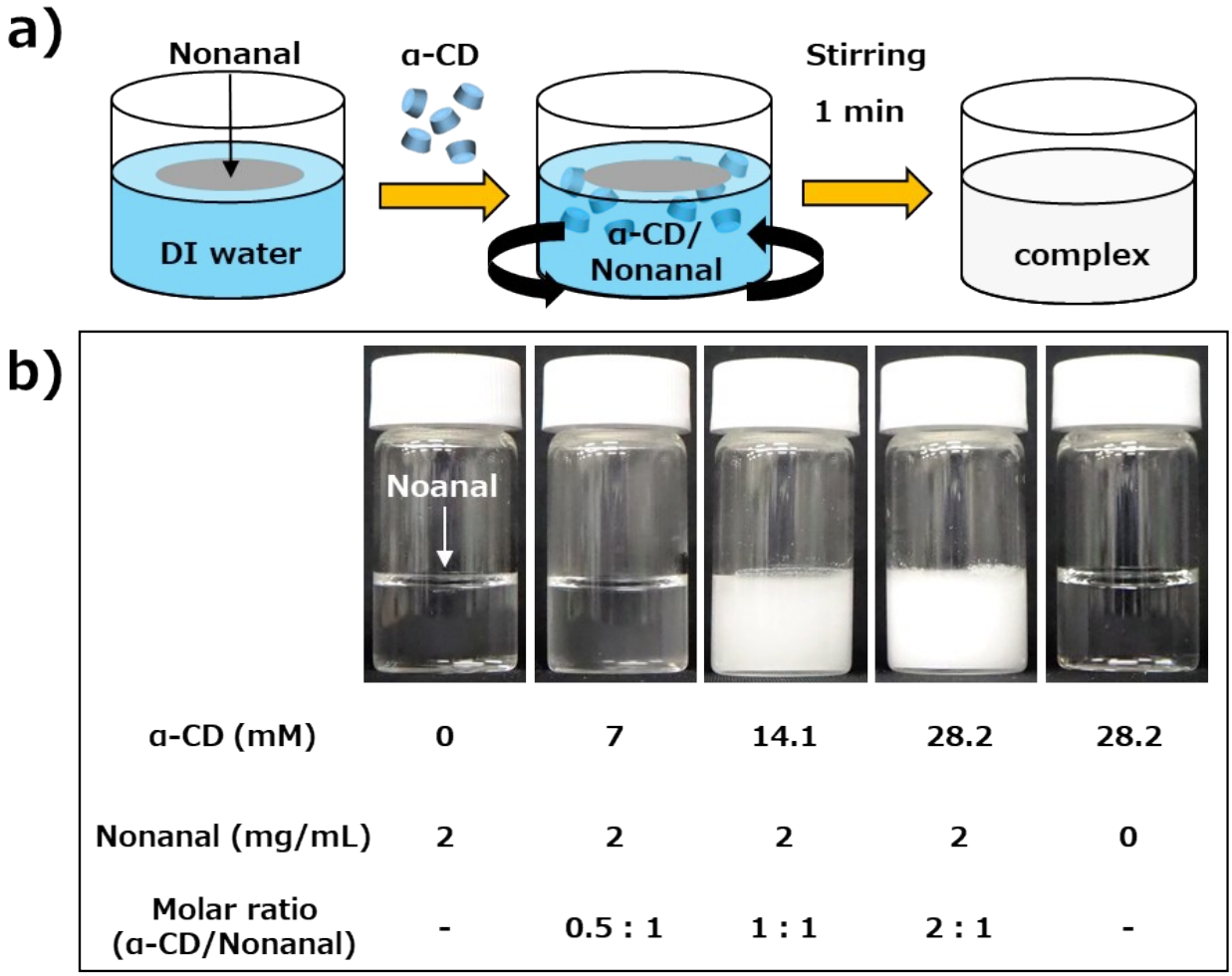

Figure S1. Confirmation of inclusion complex formation. a) The procedure for preparing α-CD/nonanal inclusion complex. b) Photographs showing α-CD/nonanal inclusion complex formation in DI water.

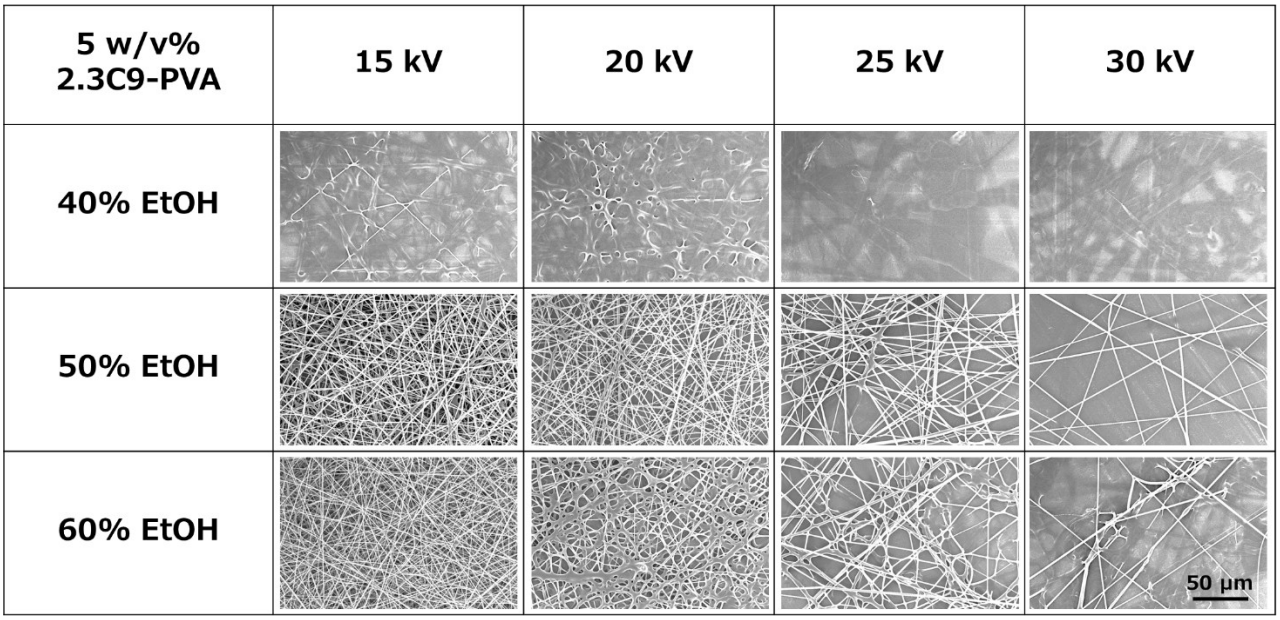

Figure S2. SEM images of electrospun fiber sheets using different 2.3C9-PVA solutions (5 w/v %, 40–60 % EtOH) under the voltage of 15–30 kV (scale bar = 50 µm).

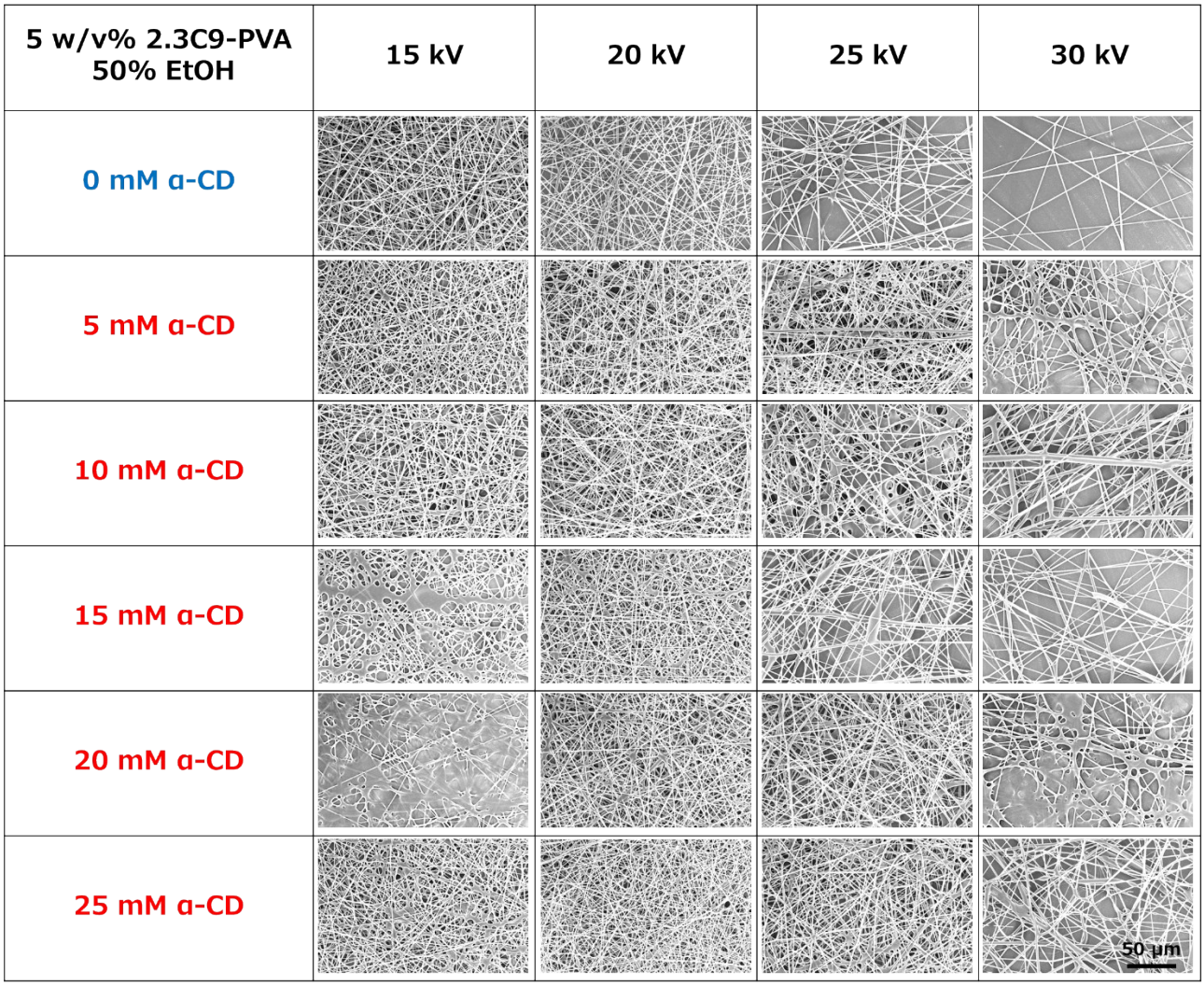

Figure S3. SEM images of electrospun fiber sheets using different α-CD/2.3C9-PVA solutions (5 w/v % 2.3C9-PVA, 50 % EtOH, 0–25 mM α-CD) under the voltage of 15–30 kV (scale bar = 50 μm).