## SUPPORTING INFORMATION

## Fabrication of Electrospun Eugenol/Cyclodextrin Inclusion Complex

Nanofibrous Webs for Enhanced Antioxidant Property, Water Solubility and

## **High Temperature Stability**

Asli Celebioglu<sup>a</sup>, Zehra Irem Yildiz<sup>a</sup> and Tamer Uyar<sup>\*a</sup>

<sup>a</sup>Institute of Materials Science & Nanotechnology, UNAM-National Nanotechnology Research Center, Bilkent University, Ankara 06800, Turkey \*Corresponding author: Tel: +90-3122908987, e-mail: tamer@unam.bilkent.edu.tr **Table S1.** <sup>1</sup>H-NMR and TGA calculations indicating the eugenol amount in CD/IC-NW in terms of molar ratio (CD:eugenol)/% (w/w) comparatively with their initial values.

	Initial Amount	<sup>1</sup> H-NMR Results	TGA Results
Samples	CD:eugenol; (molar ratio - %;w/w*)	CD:eugenol; (molar ratio - %;w/w*)	CD:eugenol; (molar ratio - %;w/w*)
Eugenol/HP-β-CD-IC-NW	1.00:1.00-10.5	1.00:0.69 - 7.5	1.00:0.78 - 8.4
Eugenol/HP-γ-CD/IC-W	1.00:1.00 - 9.4	1.00:0.66 - 6.4	1.00:0.73 - 7.0
Eugenol/M-β-CD/IC-NW	1.00:1.00 - 11.0	1.00:0.94 - 10.5	1.00:0.97 - 10.1

\* For the amount of active agent calculated in terms of %, w/w is respect to total sample amount.



**Figure S1.** <sup>1</sup>H-NMR spectra of (a) Eugenol/HP- $\beta$ -CD/IC-NW, (b) Eugenol/HP- $\gamma$ -CD/IC-W and (c) Eugenol/M- $\beta$ -CD/IC-NW dissolved in *d* $\beta$ -DMSO.



Figure S2. FTIR spectra of pure HP- $\beta$ -CD/NW, HP- $\gamma$ -CD/NW and M- $\beta$ -CD/NW.



**Figure S3.** XRD patterns of (a) Eugenol/HP- $\beta$ -CD/IC-NW, Eugenol/HP- $\gamma$ -CD/IC-W, and Eugenol/M- $\beta$ -CD/IC-NW.