

### Supplementary Data

## Antibacterial Non-woven Nanofibers of Curcumin Acrylate Oligomers

Naresh Killi, Vejendla Luke Paul, Rathna Venkata Naga Gundloori

Polymer Science and Engineering Division,

CSIR – National Chemical Laboratory, Pune – 411008, India.

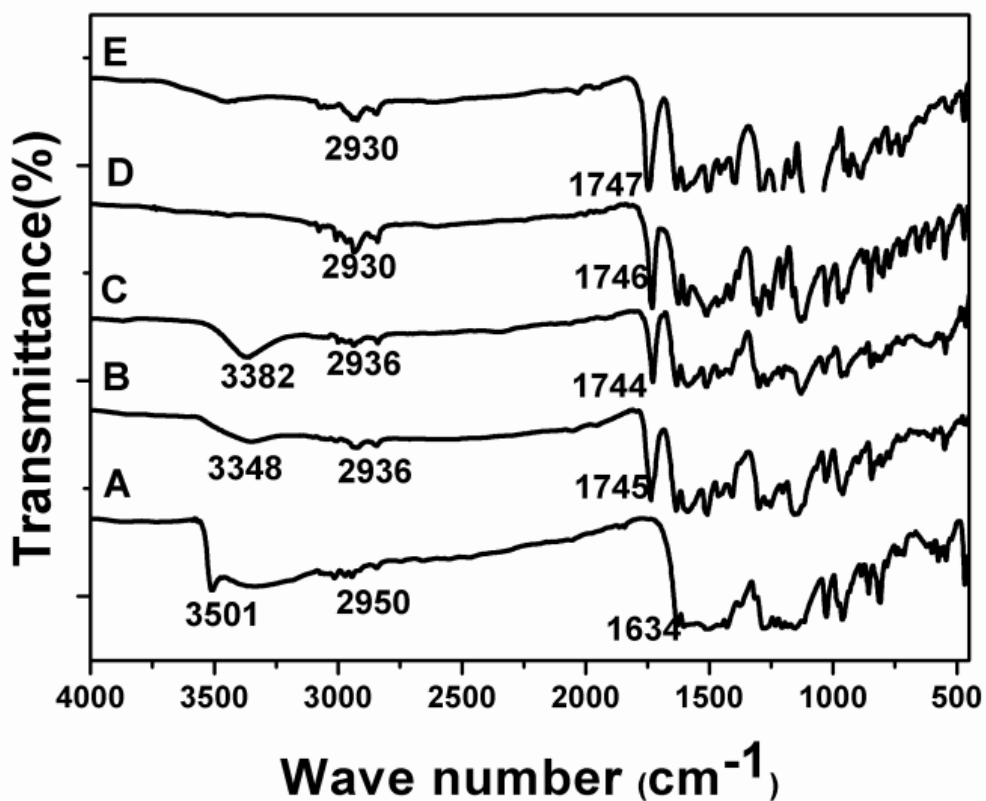


Figure 1S. FT-IR analysis A) CUR B) CmA C) CmMA D) CdiA E) CdiMA.

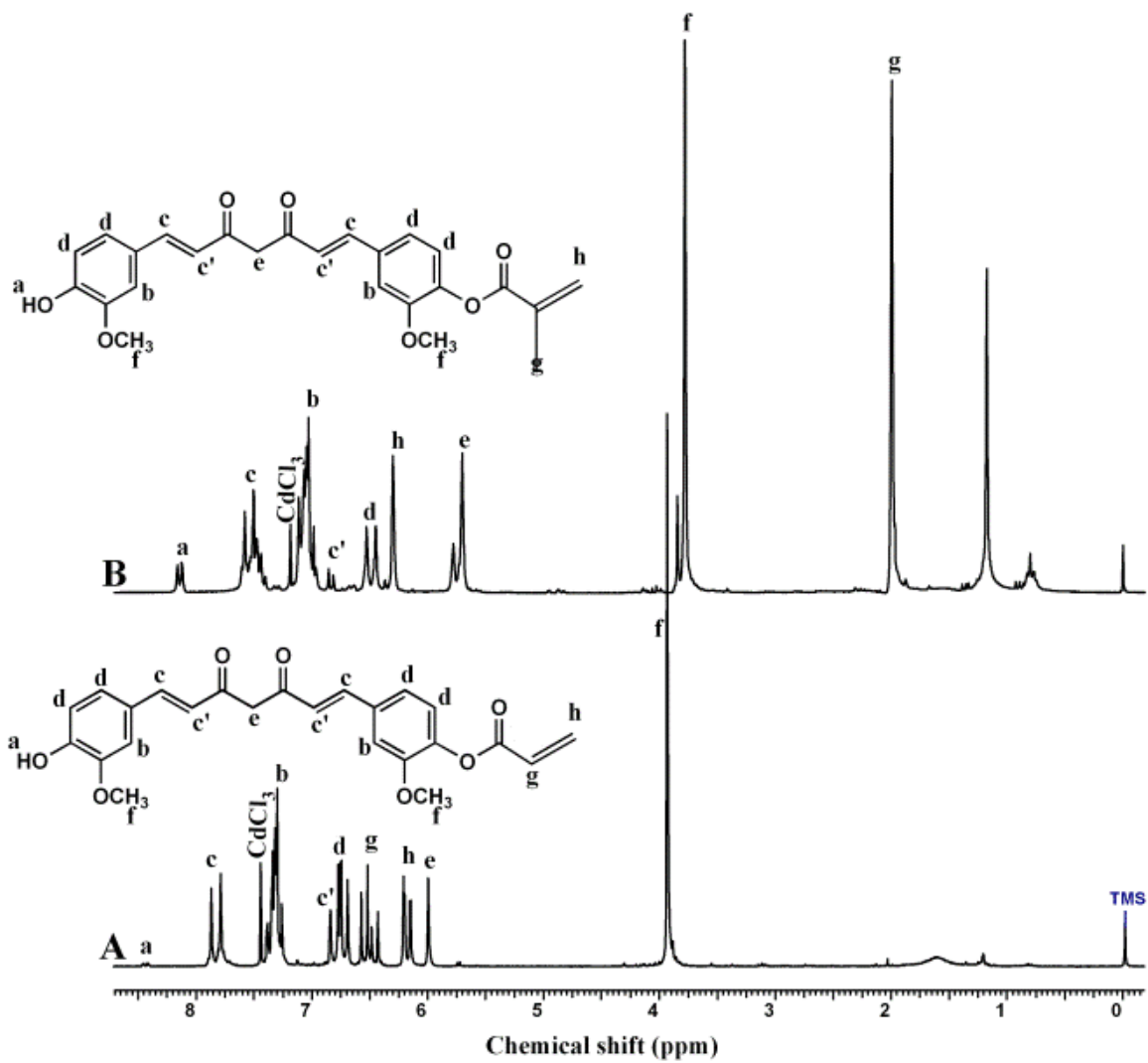


Figure 2S.  $^1\text{H}$  NMR Analysis A) CmA B) CmMA.

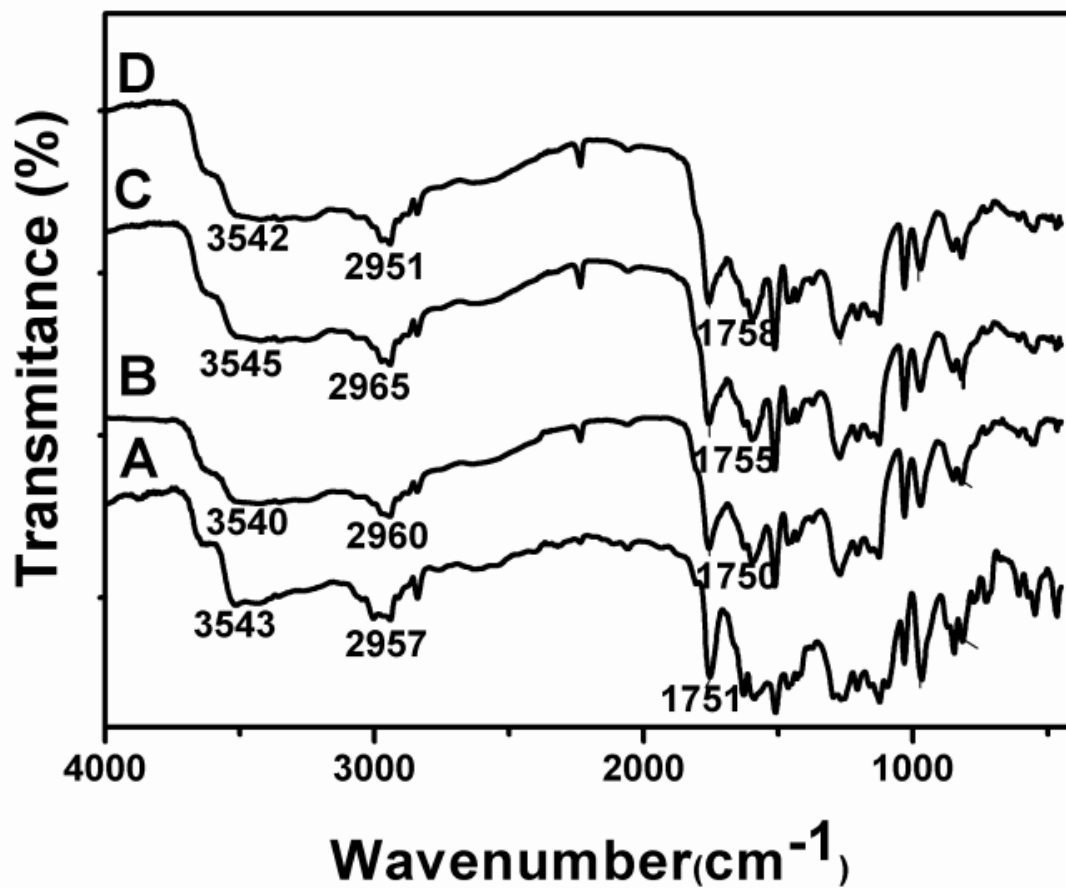
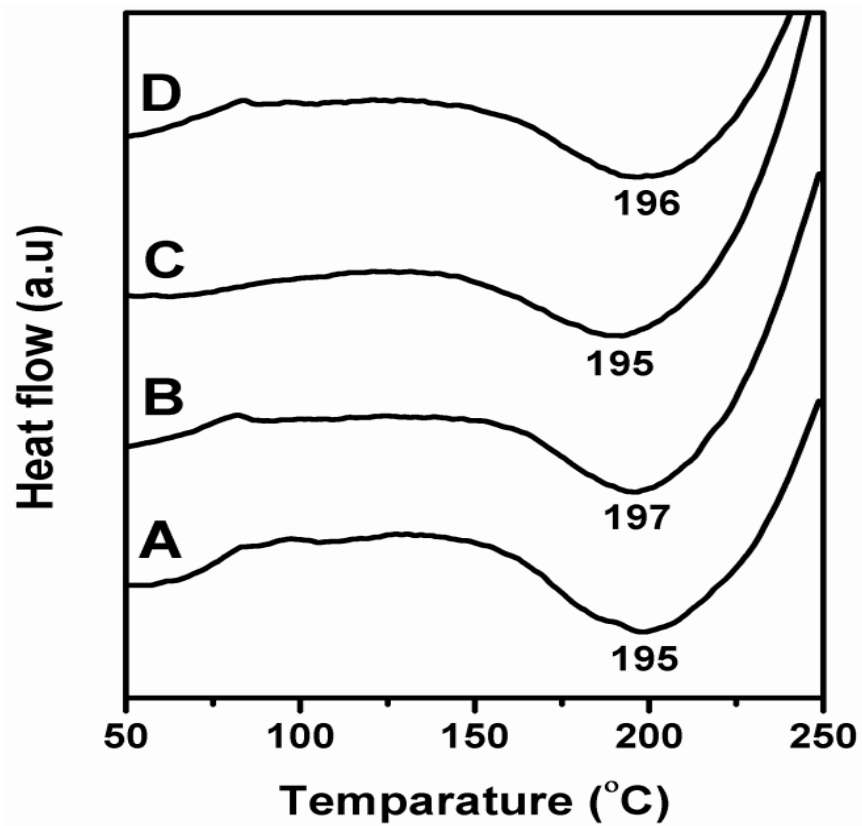


Figure 3S. FT-IR analysis A) OCMA1 B) OCA2 C) OCA1 D) OCMA2.



**Figure 4S.** DSC analysis of A) OCMA1 B) OCMA2 C) OCA1 D) OCA2.

**TABLE2S.** Thermo gravimetric analysis (TGA) for OCA and OCMA.

Compositions	First degradation			
	Start	End	maximum % of Decomposition at end point	Residue at 900 <sup>0</sup> C
OCMA1	233.32	432.48	60.4	13.39%
OCMA2	232.13	430.93	57.2	18.1%
OCA1	234.04	385.02	41.75	17.85%
OCA2	224.14	396.61	47.94	21.32%