

Metal ions-Coordinated Carboxymethylated Chitosans Grafted Carbon Nanotubes with Enhanced Antibacterial Properties

Xiangping Hao,^a Shougang Chen,^{*a} Hui Yu,^a Dan Liu,^a and Weixiang Sun^a

^a Institute of Materials Science and Engineering, Ocean University of China, Qingdao 266100, PR China.

* Corresponding author. Tel. and Fax: +86-0532-66781688, E-mail address: sgchen@ouc.edu.cn

Fig.S1 Photographs of MWCNT-CmCs after 5 month suspension in (a) aqueous solution, (b) DMSO; MWCNT after a half month suspension in (c) aqueous solution and (d) DMSO.

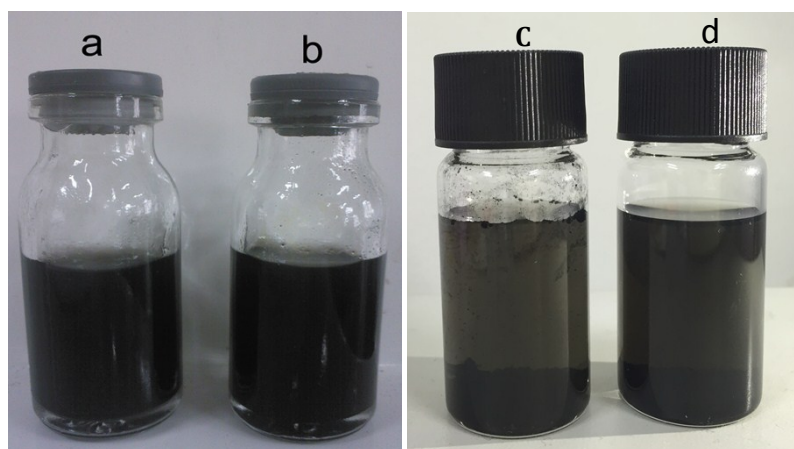


Fig.S2 TGA traces of MWCNT-COOH (a), and MWCNT-CmCs (b)

