

Greener approach for impressive removal of As(III)/As(V) from ultra-low concentration using highly efficient chitosan thiomers as a new adsorbent

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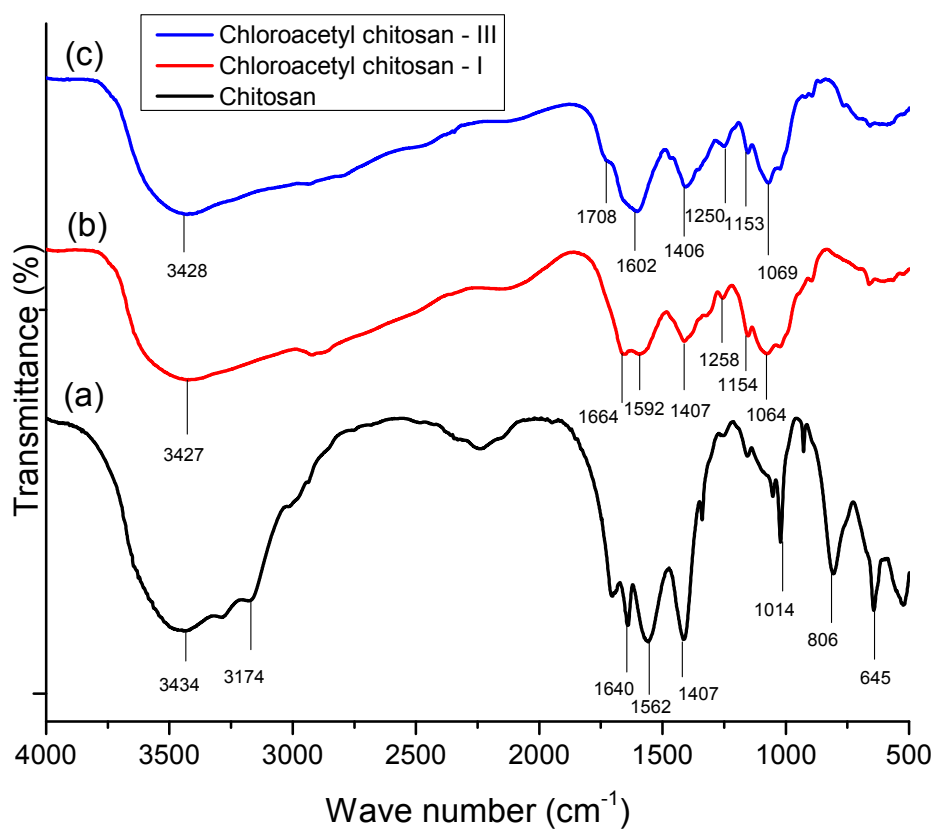


Fig. S1 FTIR spectra for (a) chitosan (b) chloroacetyl chitosan-I and (c) chloroacetyl chitosan-III

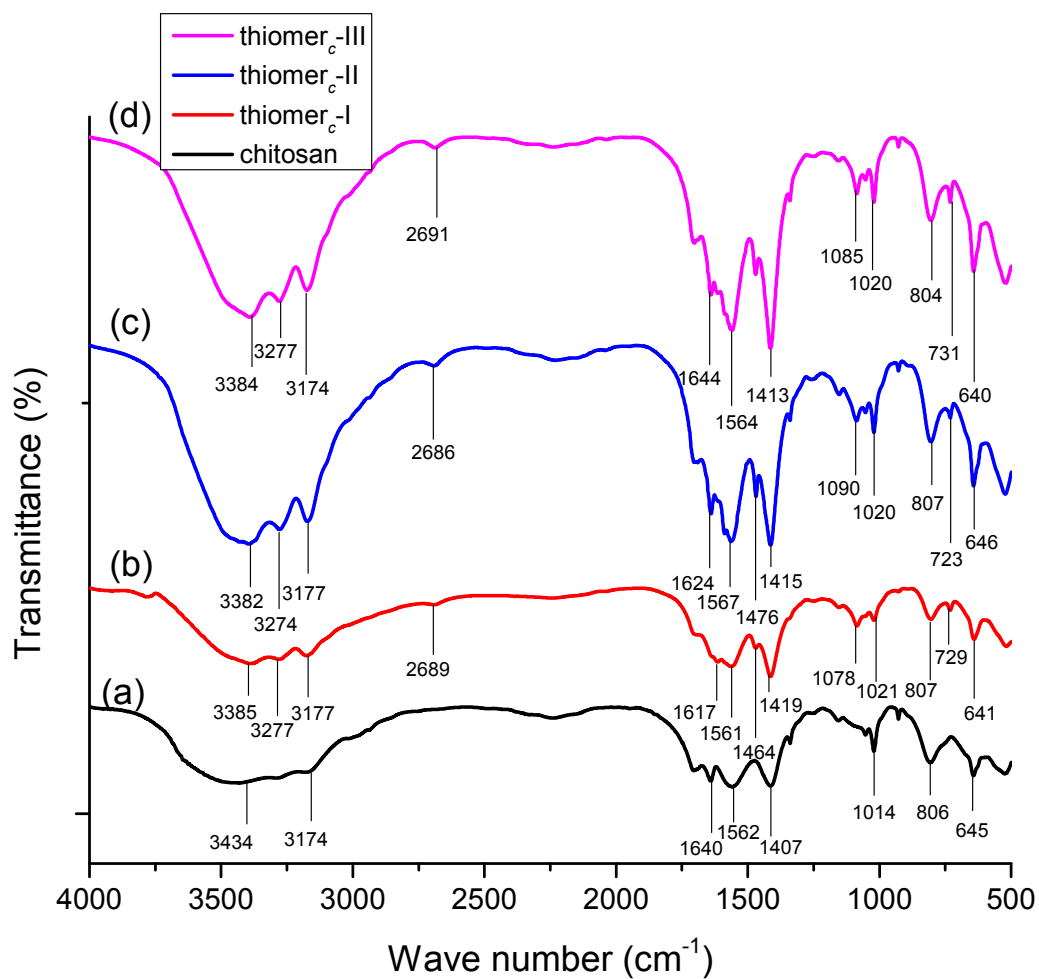


Fig. S2 FTIR spectra for (a) chitosan (b) thiomerc-I (c) thiomerc-II and (d) thiomerc-III

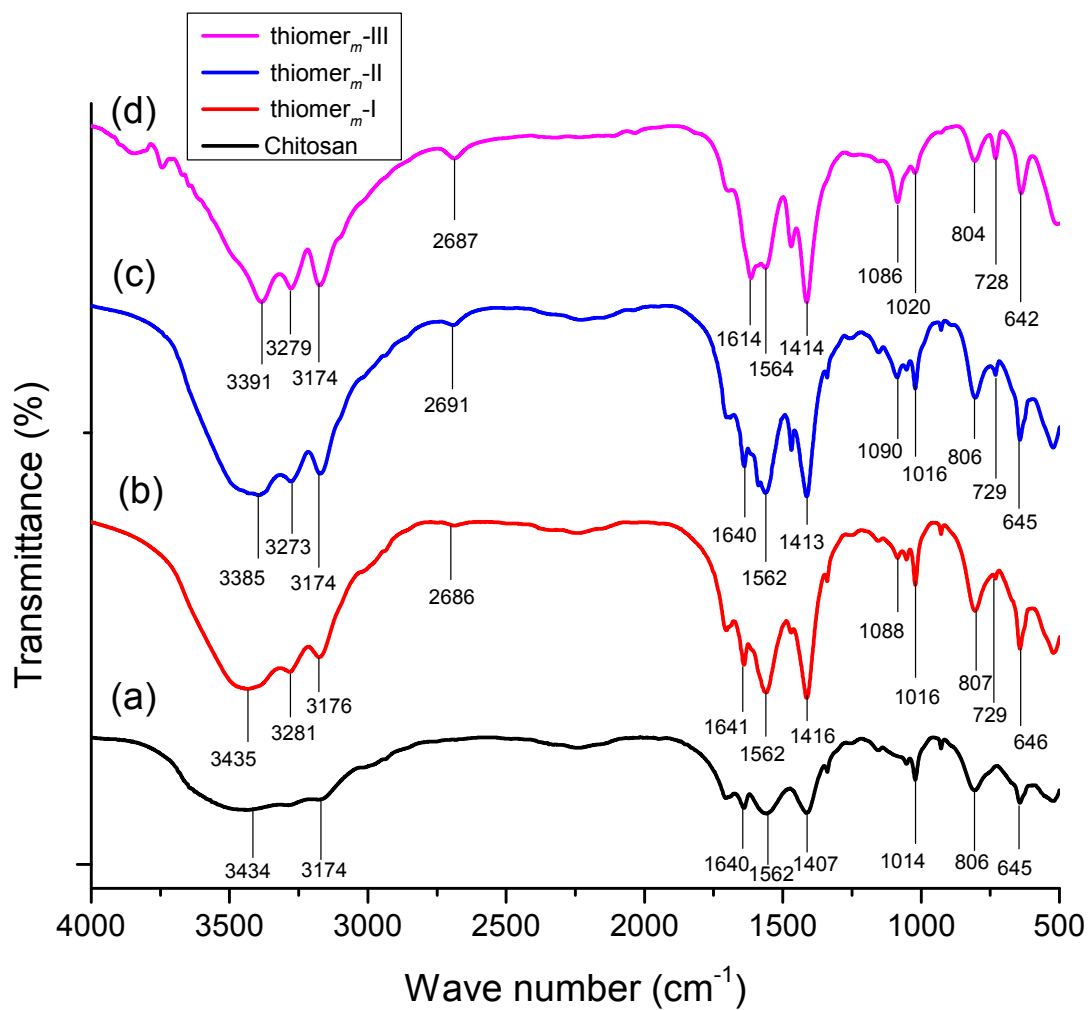


Fig. S3 FTIR spectra for (a) chitosan (b) thiomers_m-I (c) thiomers_m-II and (d) thiomers_m-III

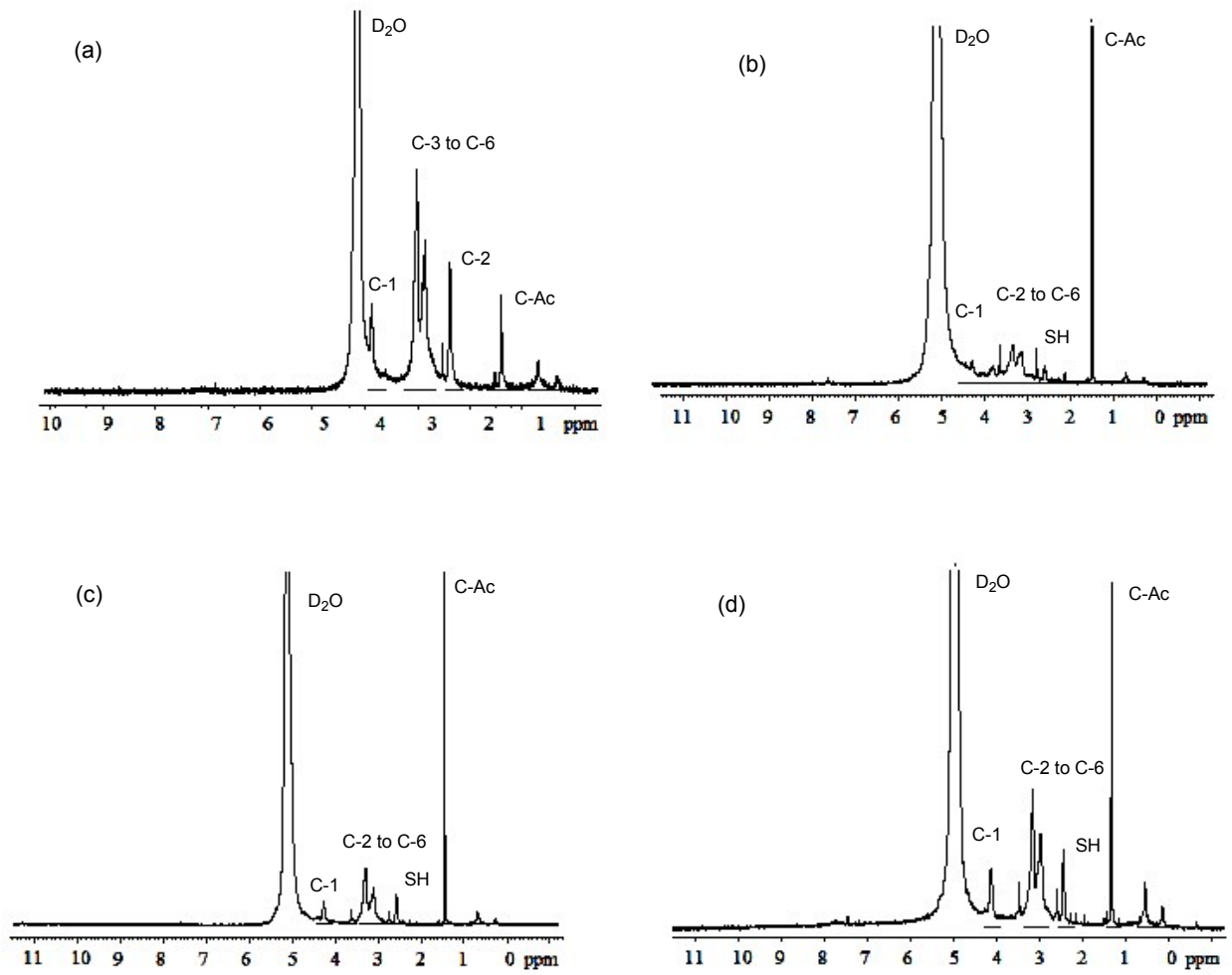


Fig. S4 NMR spectra for (a) chitosan (b) thiomerc_c-I (c) thiomerc_c-II (d) thiomerc_c-III

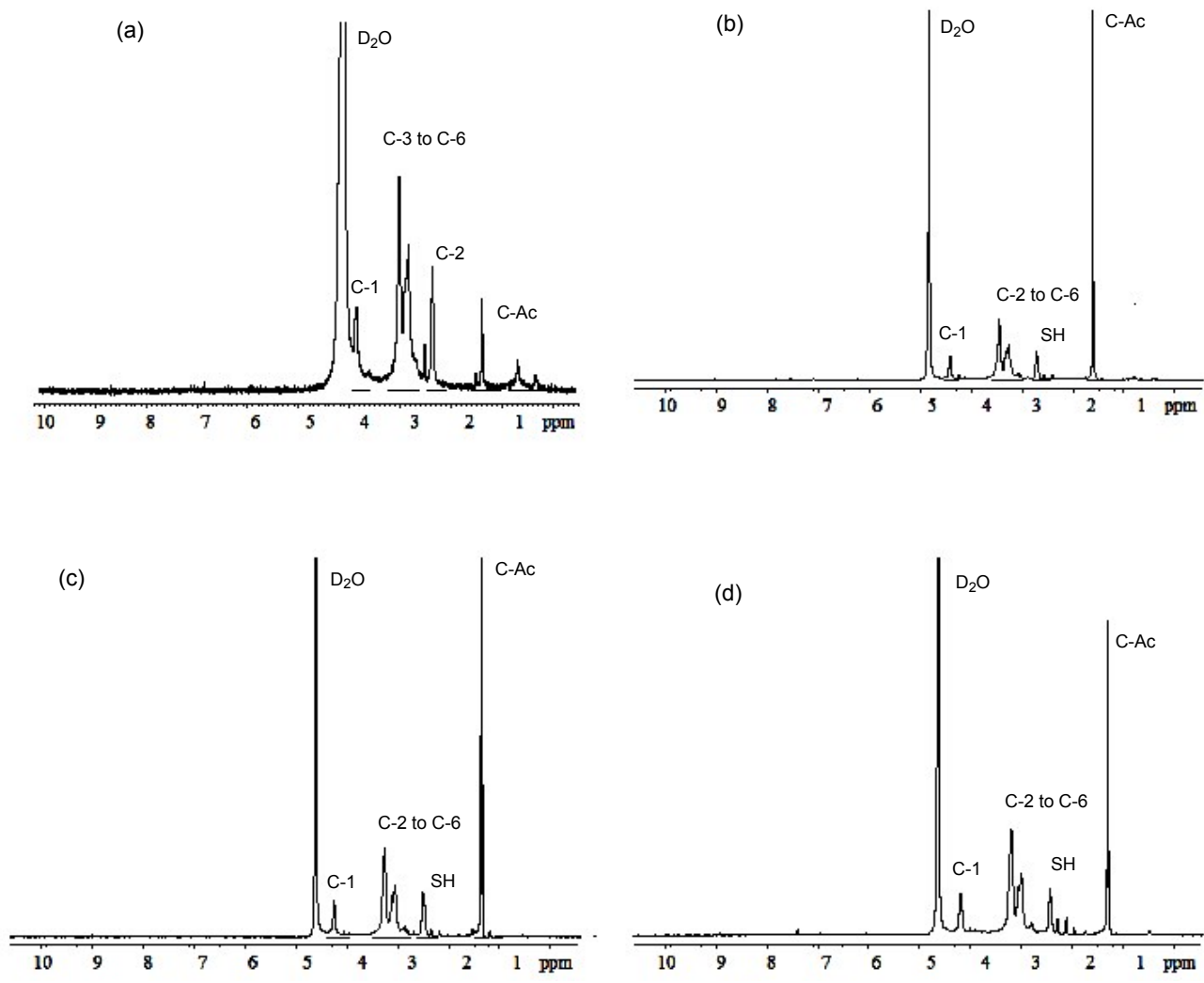


Fig. S5 NMR spectra for (a) chitosan (b) thiomerm-I (c) thiomerm-II (d) thiomerm-III