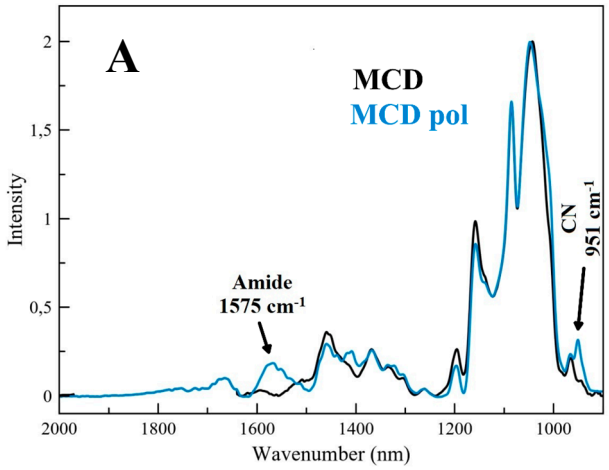
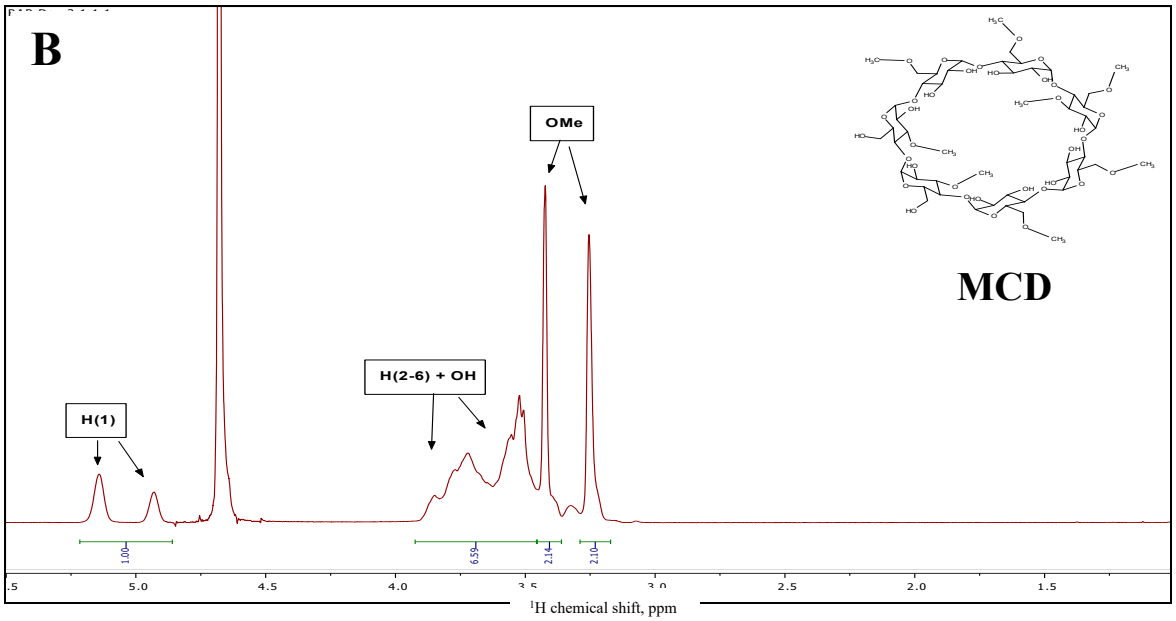
SUPPLEMENTARY

Figure S1. Normalized FTIR spectra of MCD and MCDpol (A), H_2O, 22°C. ^1H NMR spectra of MCD (B) and MCDpol (C), D_2O, 400 MHz.





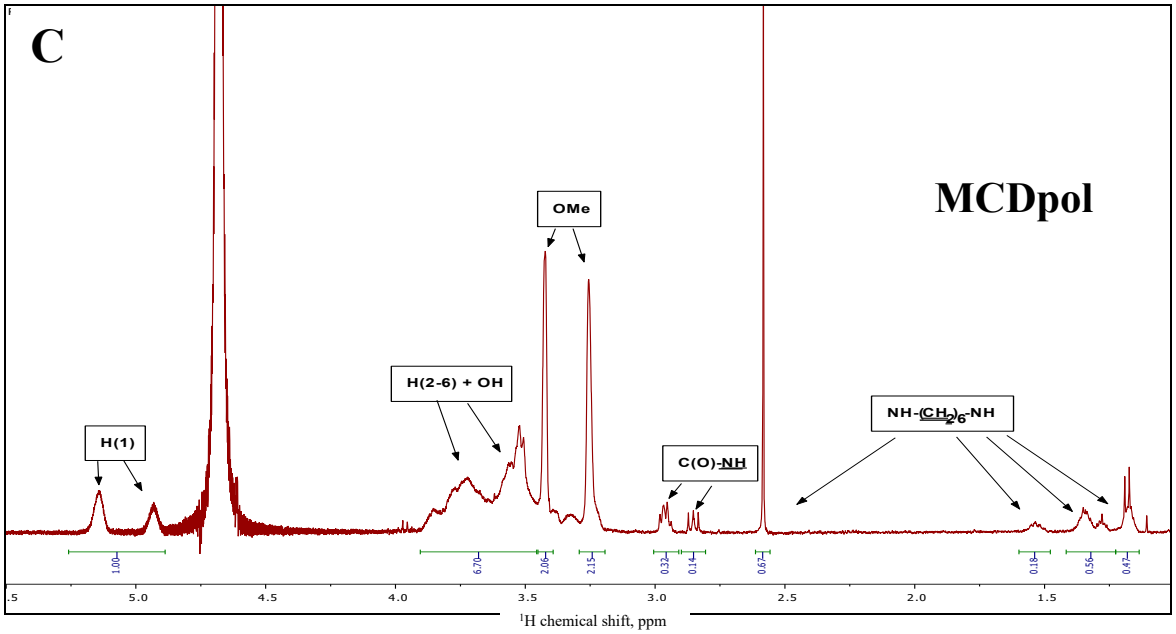


Table S1. The slopes of linear adsorption curves of LV and LV-CDs on *E. coli* strains.

	LV	**LV-MCD**	**LV-HPCD**	**LV-SBECD**
***E. coli* MH 1**	0.20	0.49	0.34	0.29
***E. coli* JM 109**	0.26	0.39	0.73	0.44
***E. coli* ATCC 25922**	0.55	0.60	0.57	0.94