

Supplementary information

Article

Curcumin-Loaded Mesoporous Silica Nanoparticles Dispersed in Thermo-Responsive Hydrogel as Potential Alzheimer Disease Therapy

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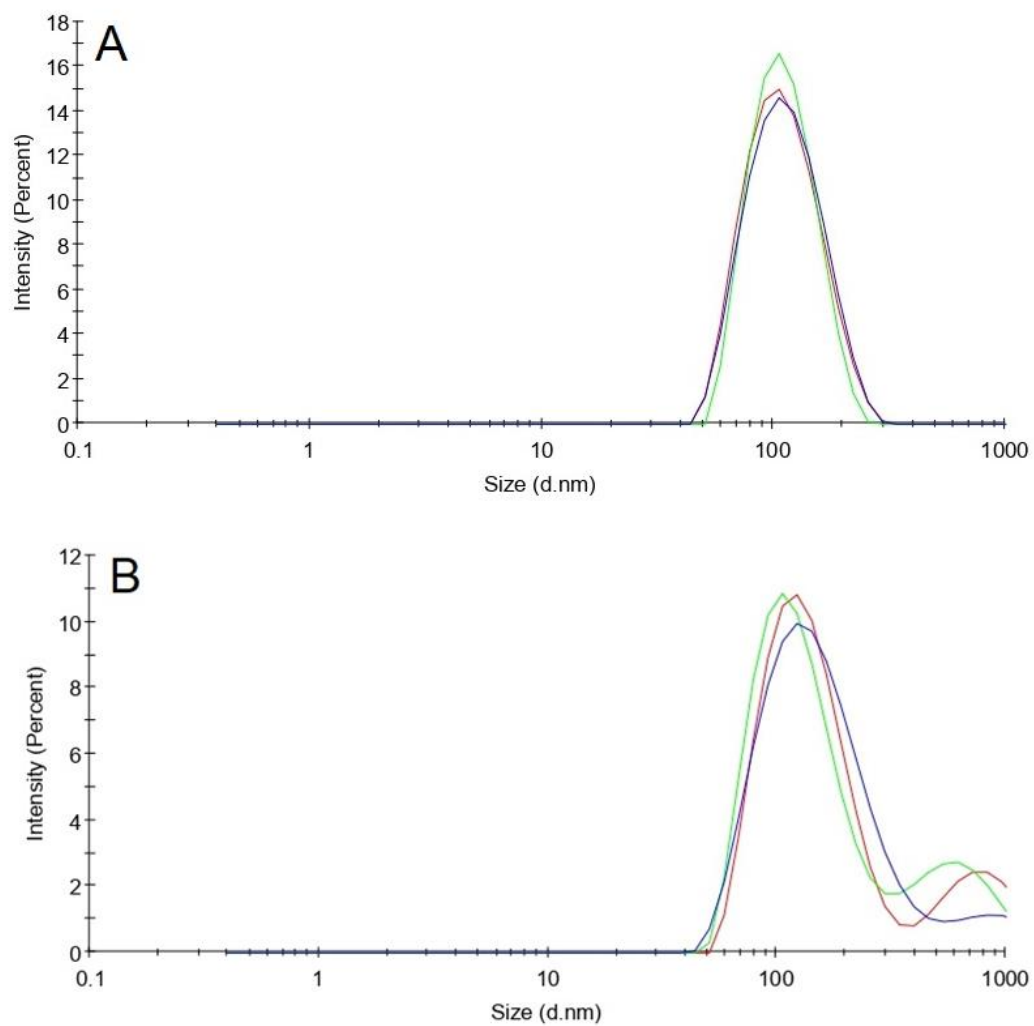


Figure S1. Graphics of the particle size distribution obtained by DLS from (A) MSNs and (B) MSN-CCM.

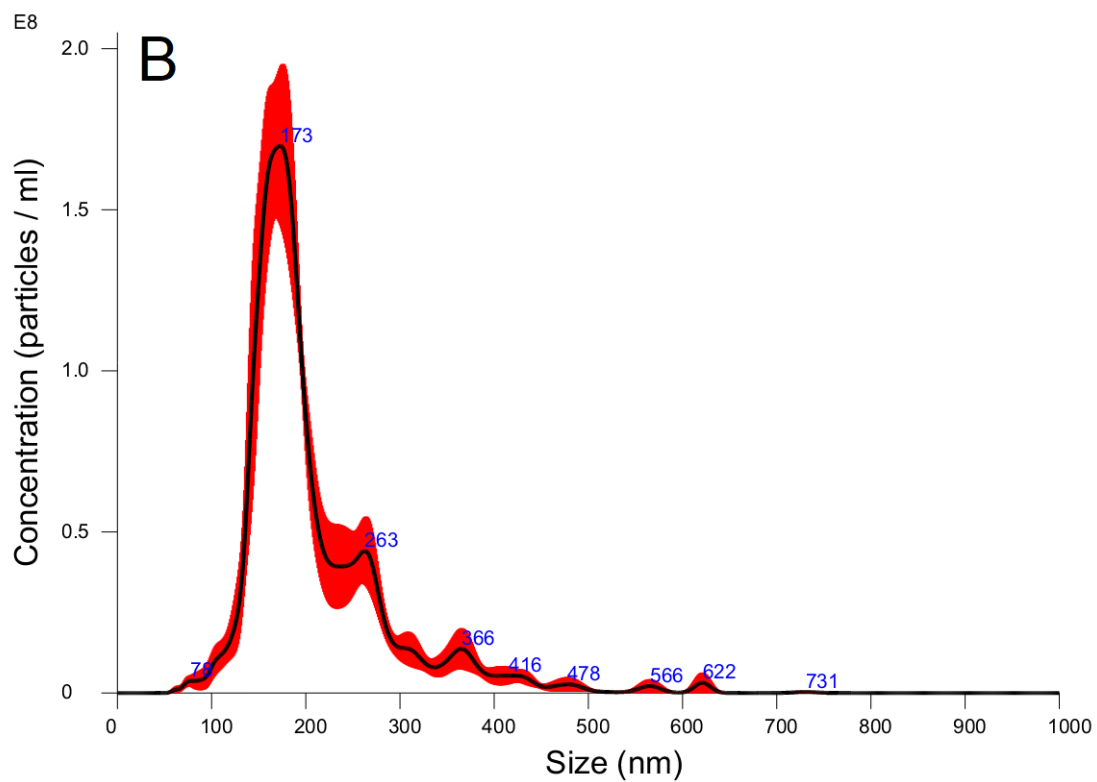
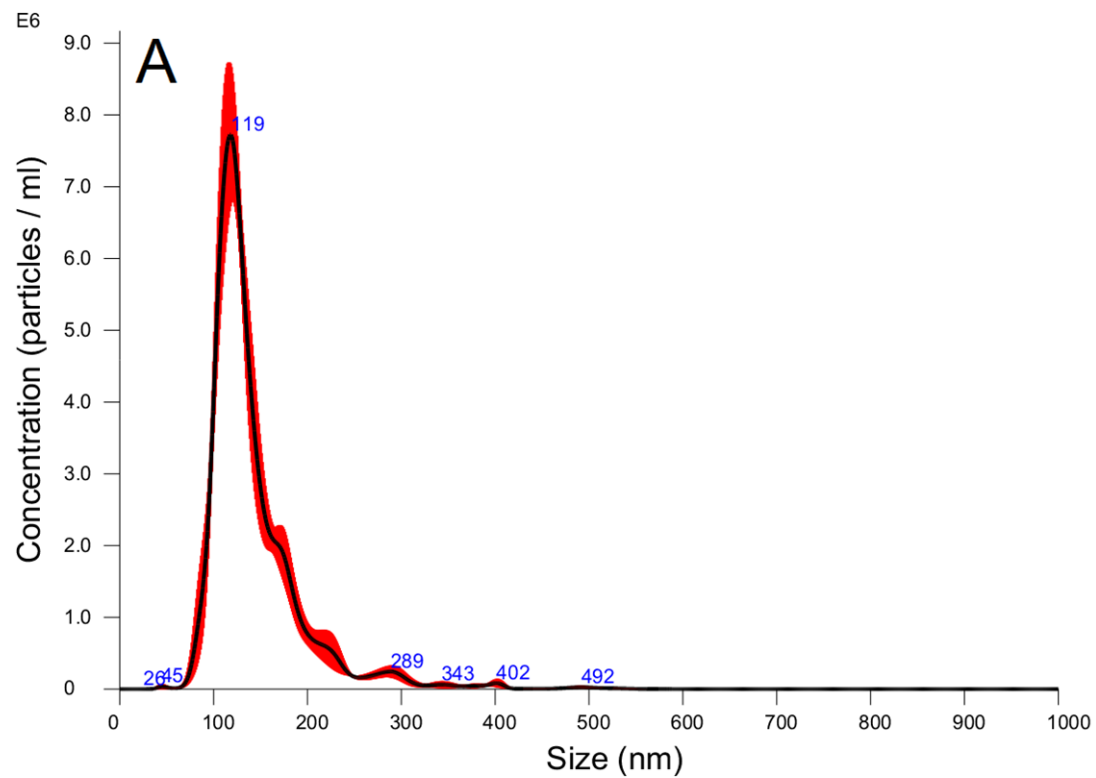


Figure S2. Particle size distribution histograms (concentration versus size) obtained by NTA from (A) MSNs and (B) MSN-CCM.

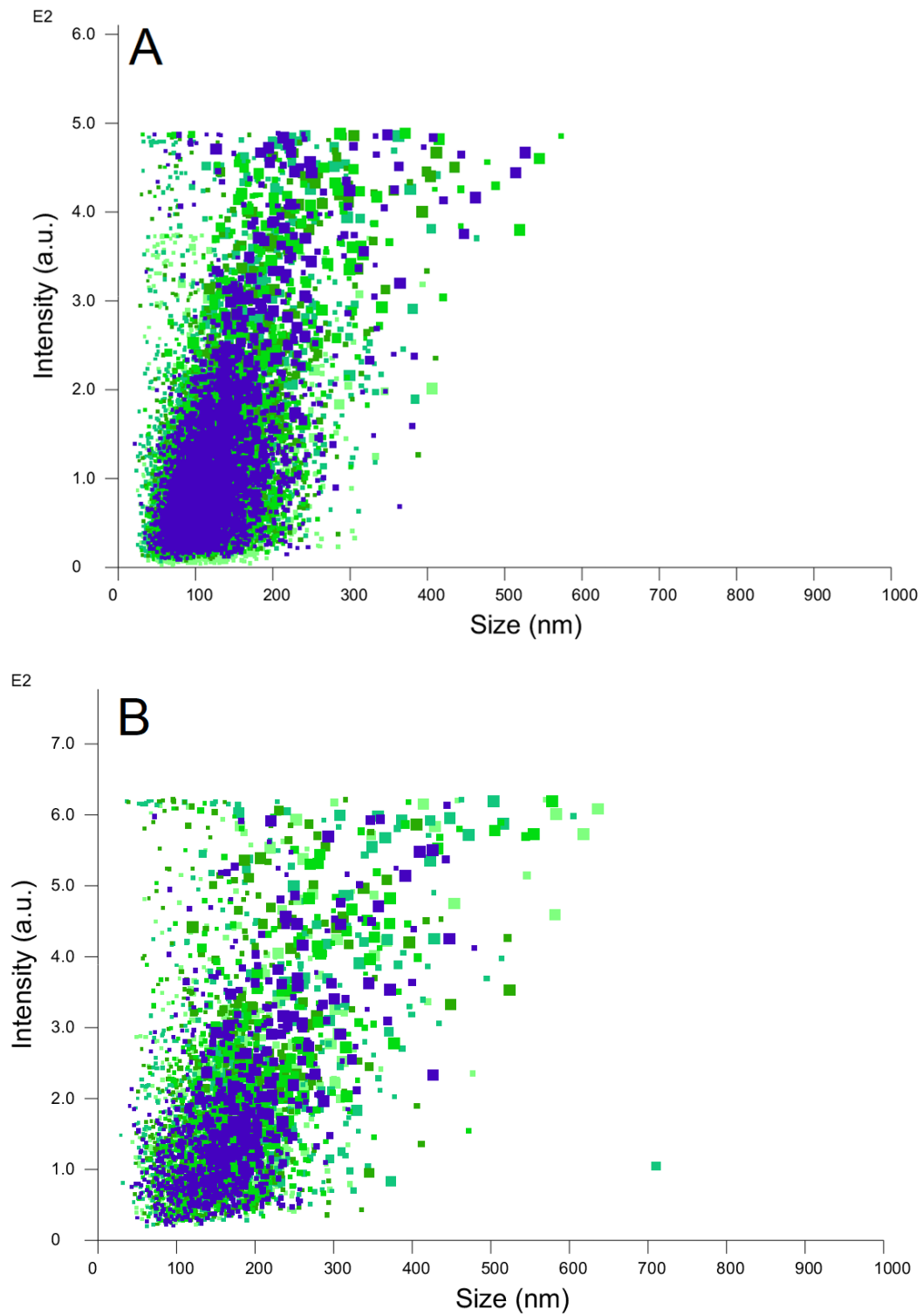


Figure S3. 3D graphs (intensity versus size) obtained by NTA from (A) MSNs and (B) MSN-CCM.

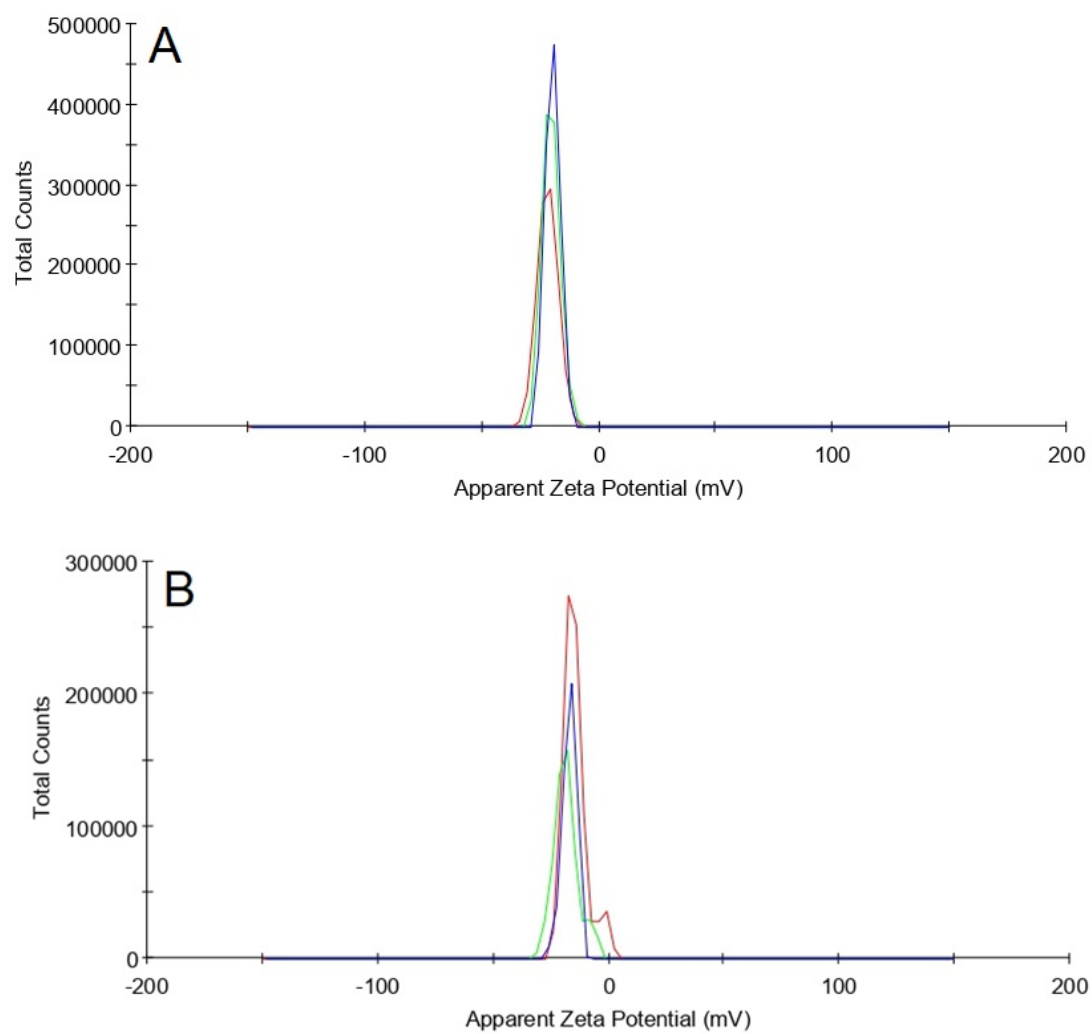


Figure S4. Graphs of zeta potential distribution obtained by DLS from (A) MSNs and (B) MSN-CCM.

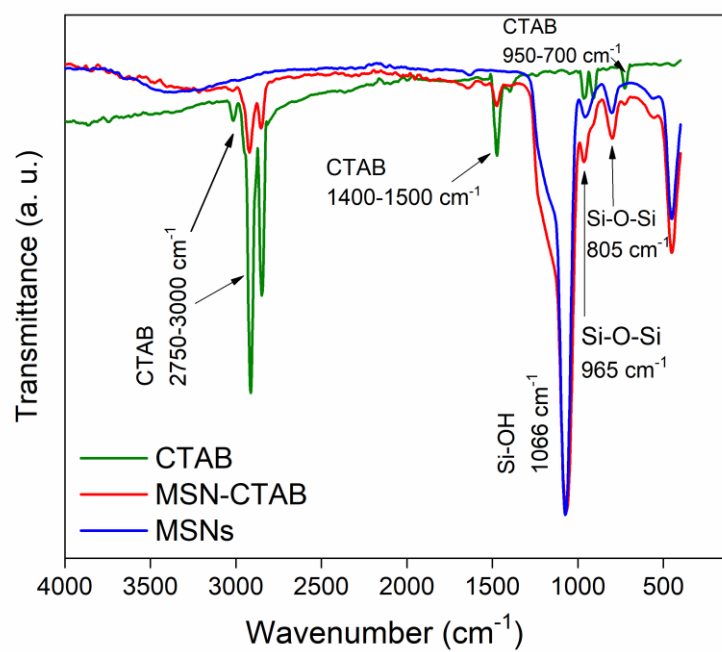


Figure S5. FTIR spectra of CTAB, MSNs prior to CTAB removal and MSNs after to CTAB removal (green, red and blue, respectively).

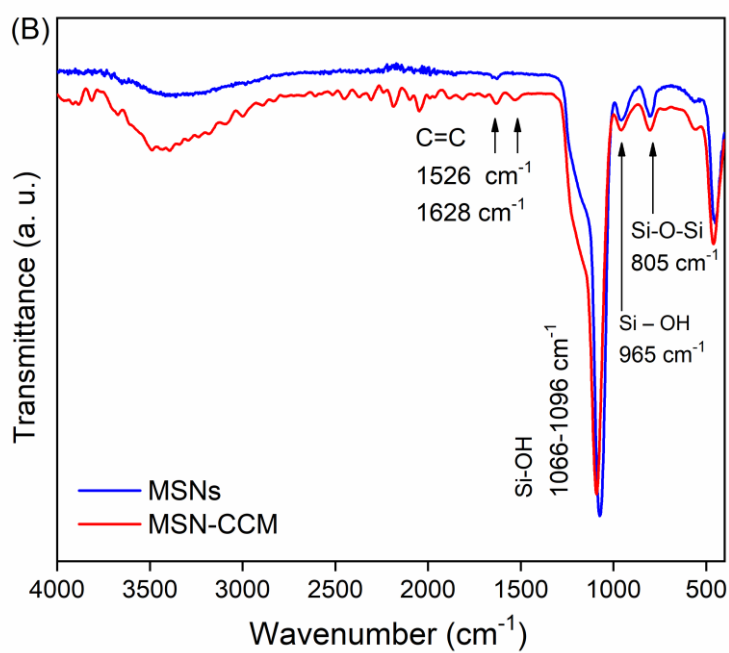
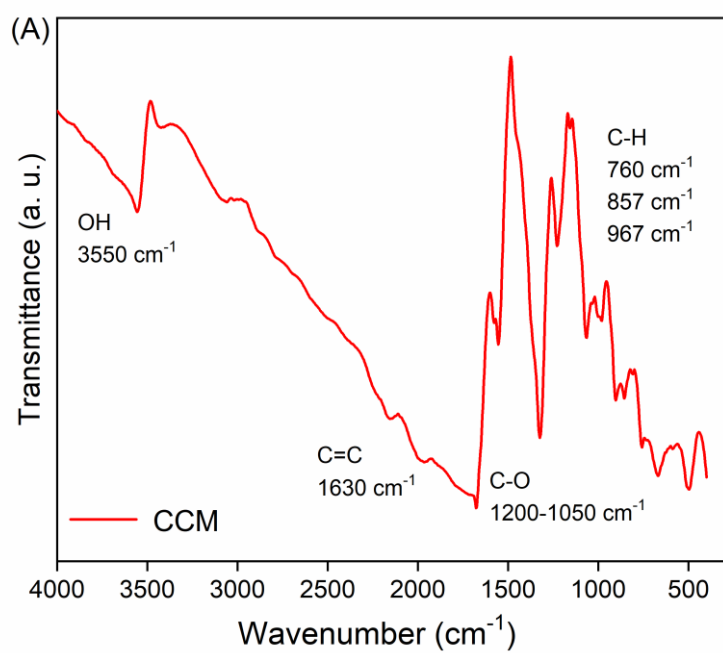


Figure S6. FTIR spectra of (A) CCM and (B) MSNs and MSN-CCM (blue and red lines, respectively).

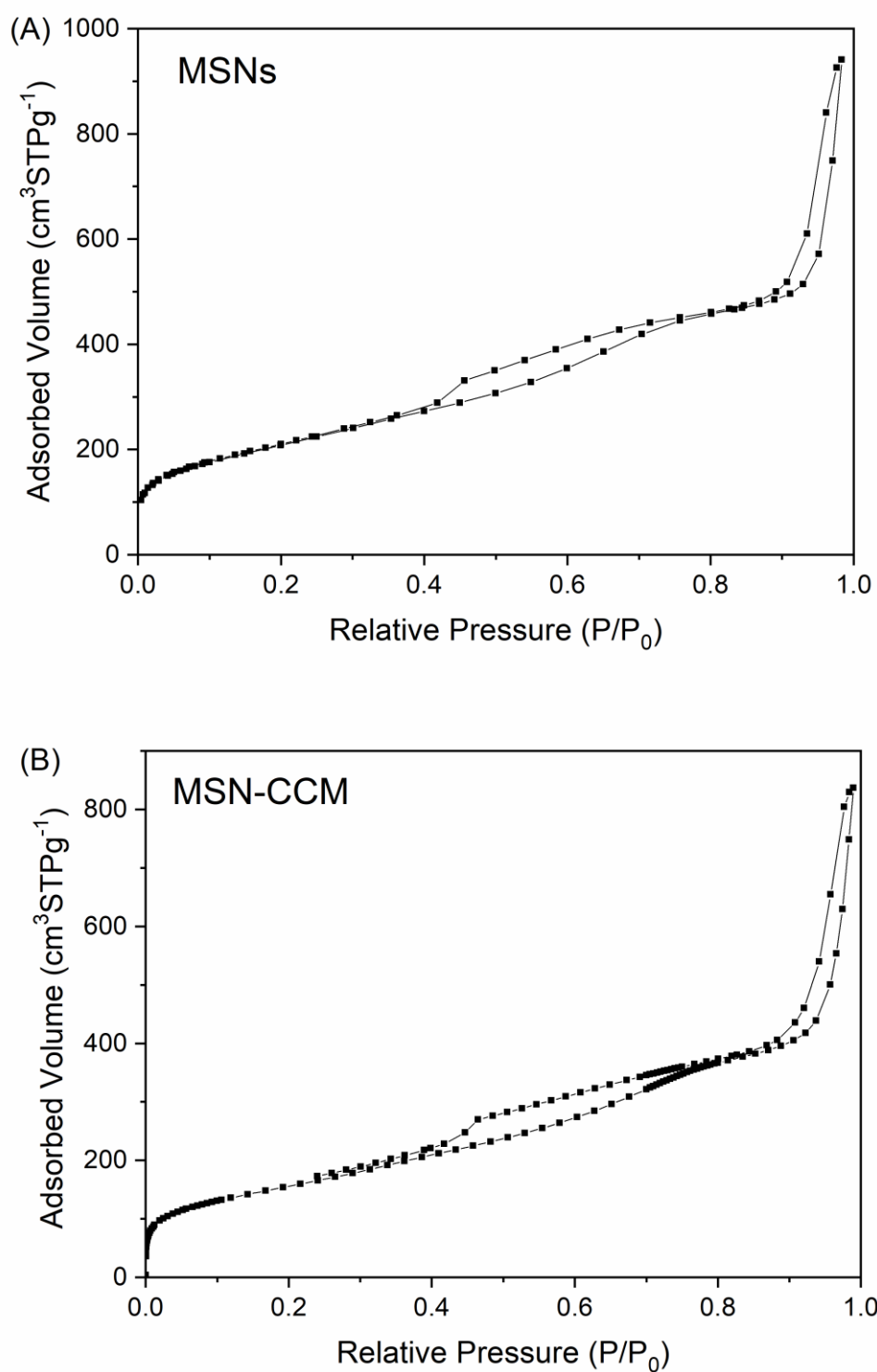


Figure S7. Nitrogen adsorption-desorption isotherms of the (A) MSNs and (B) MSN-CCM.