

Supporting Information

Prussian Blue Functionalized Microcapsules for Effective Removal of Cesium in Water Environment

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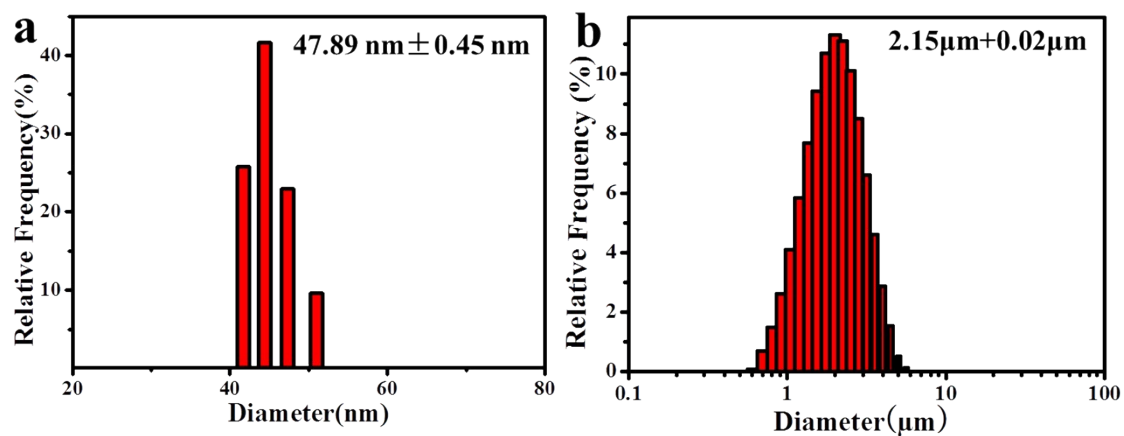


Figure S1. Size distribution (a) PB NPs, (b) PLA MCs. Size distribution of PB NPs was determined by dynamic light scattering (DLS) tests, while that of PLA MCs were measured with static light scattering (SLS) tests.

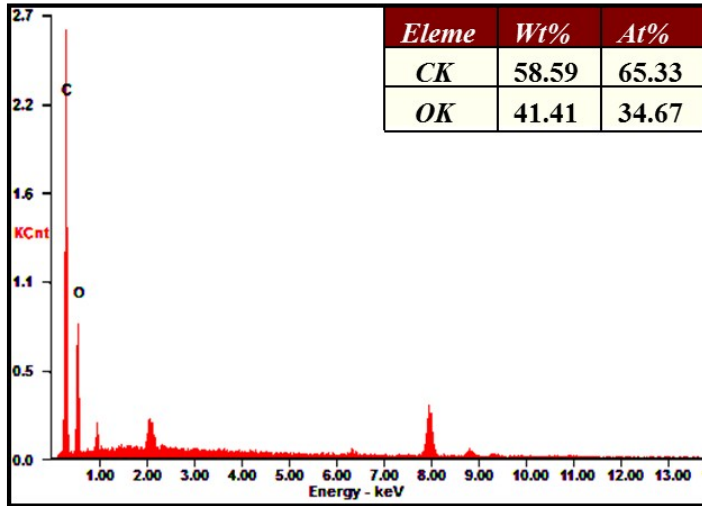


Figure S2. The EDS spectra of the PLA MCs.

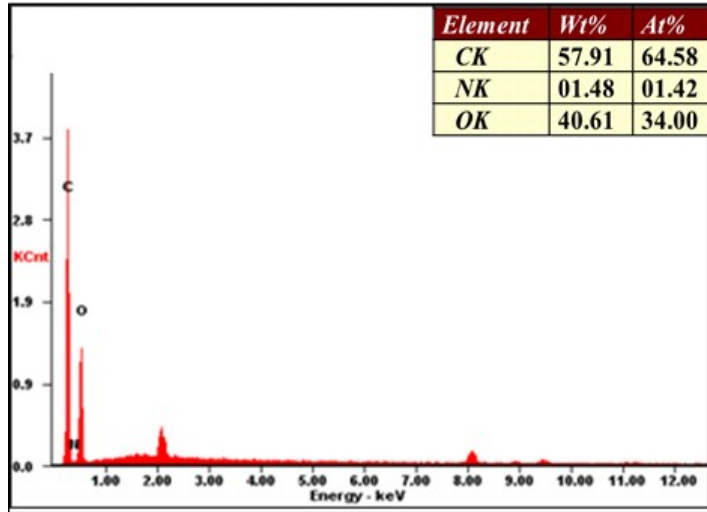


Figure S3. The EDS spectra of the PEI-PLA MCs.

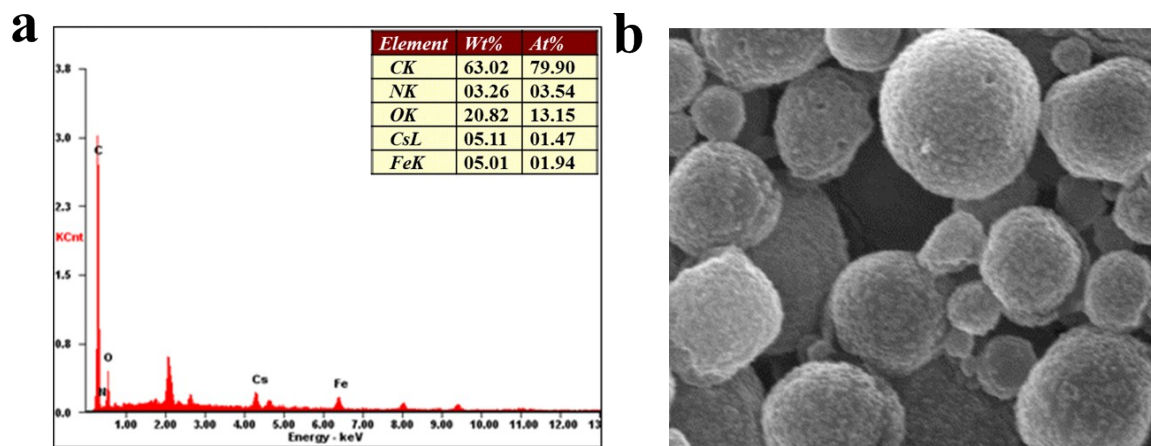


Figure S4. The image of EDAX (a) and SEM (b) of the PB-MCs after Cs adsorption.

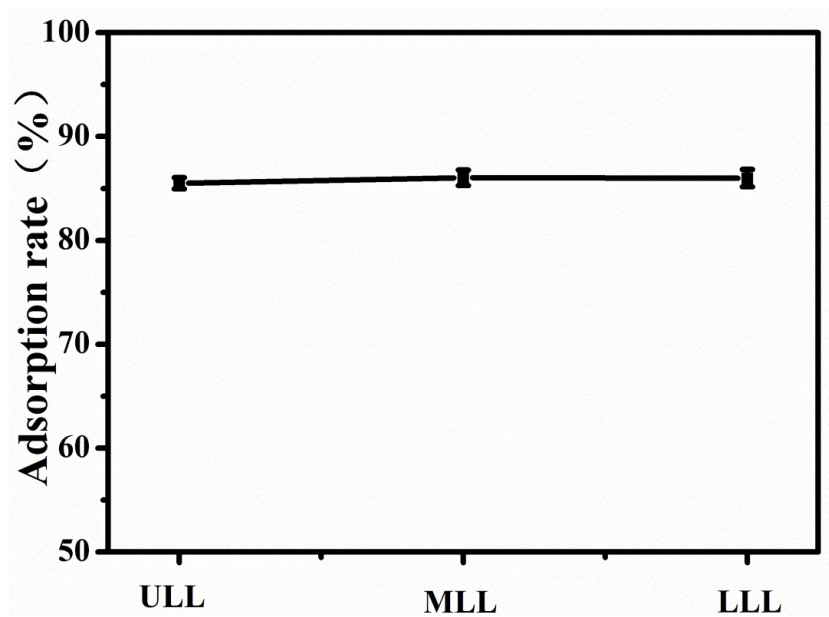


Figure S5. The effect of the distribution of cesium ions in the upper liquid layer (ULL), the middle liquid layer (MLL) and the lower liquid layer (LLL). ($C_0 = 5.0$ mg/L; $m = 0.03$ g; $V = 20$ ml; $r = 200$ rpm; $\text{pH} = 5.5$ and $T = 293$ K).