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Supplementary Material for

Removal of methylene blue and Lead (II) via PVA/SA double cross-linked network gel beads loaded Fe_3O_4@KHA nanoparticles

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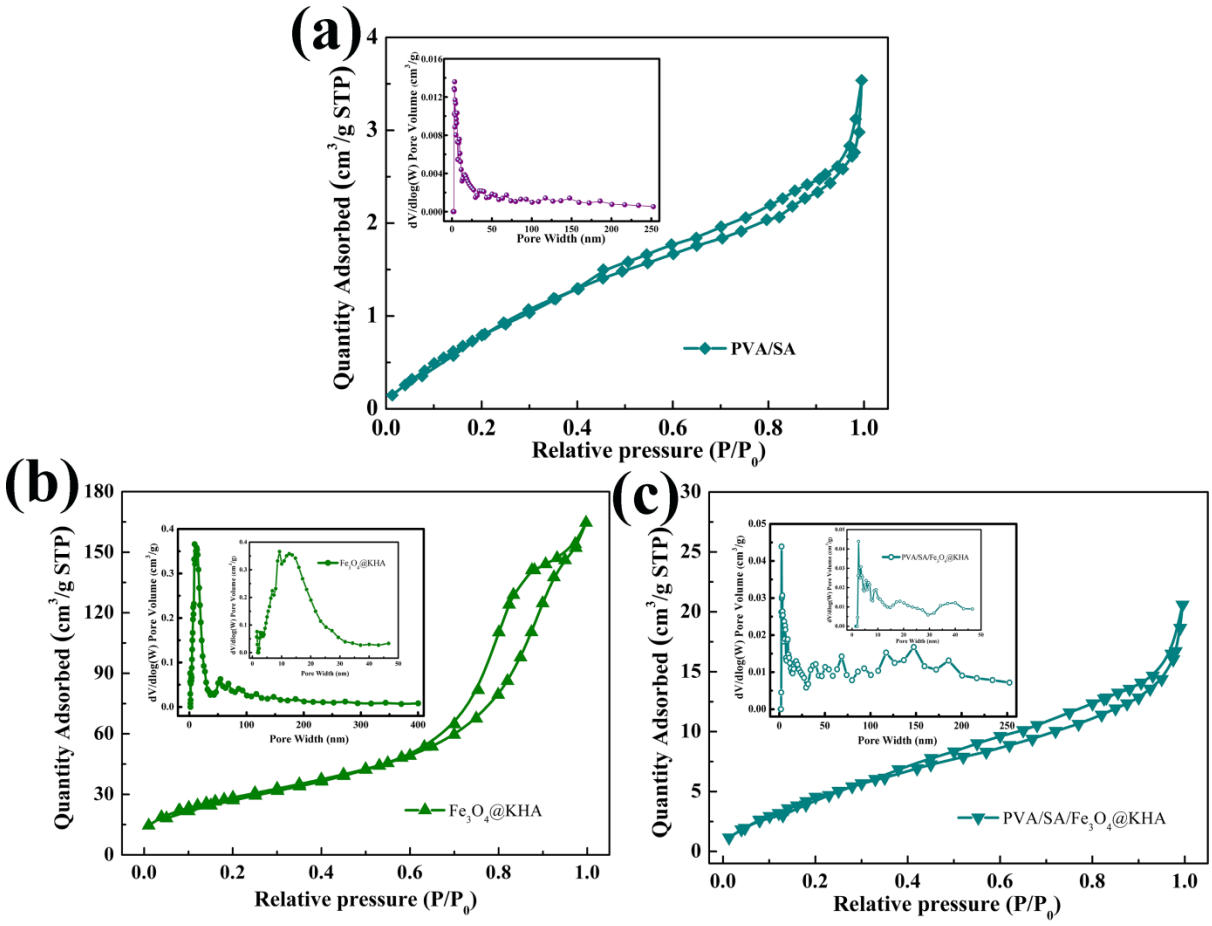

Figure S 1. Nitrogen adsorption-desorption isotherm and pore size distribution of PVA/SA (a), Fe_3O_4@KHA (b) and PVA/SA/Fe_3O_4@KHA (c).

Table S1 The specific surface area, average pore diameter, and pore volume of PVA/SA, Fe_3O_4@KHA and PVA/SA/Fe_3O_4@KHA

	specific surface area (m^2/g)	average pore diameter (nm)	pore volume (cm^3/g)
PVA/SA	11.27	4.15	0.0115
Fe_3O_4@KHA	105.19	9.01	0.2513
PVA/SA/Fe_3O_4@KHA	20.93	5.50	0.0307