

Functionalized Poly (vinyl alcohol) Based Nanofibers for Removal of Arsenic from Water

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Supporting information

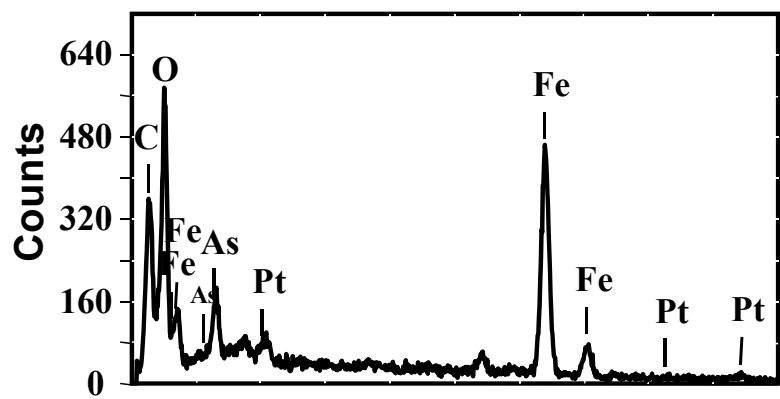
SI 1. Elemental analysis of PVA-Fe uncrosslinked nanofiber and PVA-Fe Crosslinked nanofiber

SI 2. EDX spectra of arsenic adsorbed PVA-Fe nanofiber

SI 1. Elemental analysis of PVA-Fe uncrosslinked nanofiber and PVA-Fe Crosslinked nanofiber

Sample ID	C (wt%)	H (wt%)	Cl (wt%)	Fe (wt%)
PVFe NF Uncross	26.13	5.24	17.57	11.99
PVFe NF Cross	25.51	4.22	0.31	21.17

SI 2. EDX spectra of arsenic adsorbed PVA-Fe nanofiber



ZAF Method Standardless Quantitative Analysis

Element	(keV)	Mass%	Error%	Atom%
C K	0.277	21.08	0.12	46.10
O K	0.525	16.02	0.20	26.30
Fe K	6.398	51.75	0.60	24.34
As K	10.530	8.15	7.46	2.86
Pt M	2.048	2.99	0.59	0.40
Total		100.00		100.00