



Title	Preparation and characterization of chitosan-caboxymethyl- β -cyclodextrin entrapped nanozero-valent iron composite for Cu (II) and Cr (IV) removal from wastewater
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Table 1 Cr (VI) and Cu (II) adsorption efficiency of different synthesized adsorbents.

Adsorbents	Cr (VI) (mg/g)	Reference	Adsorbents	Cu (II) (mg/g)	Reference
Lignite	85.59	[11]	CM β -CD coated MNPs	47.20	[7]
β -CDP	21	[13]	Activated Carbon (hulls)	19.50	[9]
Scarp rubber	104	[14]	Dehydrated wheat bran	51.51	[10]
Fly ash	100(%)	[22]	Chitosan bound MNPs	21.50	[21]
Peat	17	[50]	Tanin immobilized hydrotalcite	81.47	[52]
CD-IL	11	[51]	Acid-activated palygorskite	32.24	[53]
Red mud	16	[51]	Activated carbon (coconut)	75.78	[54]
Activated carbon (bagasse)	147	[51]	Chitosan-cellulose	53.2	[55]
CS-NZVI-CM β -CD	200	This study	CS-NZVI-CM β -CD	250	This study