## Accepted Manuscript

Title: Adsorption of Cd(II), Cu(II) and Ni(II) ions by cross-linking chitosan/rectorite nano-hybrid composite microspheres

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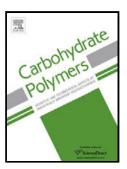
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## ACCEPTED MANUSCRIPT

1 2	Highlights
3	• The cross-linking chitosan/rectorite nano-hybrid composite resins were prepared.
4	• The adsorption of the resins was investigated in single and binary metal systems.
5	• The adsorption capacity of the resins followed the order of $Cu(II) > Cd(II) > Ni(II)$
6	•EDTA desorbed metals from resins better than HCl.
7	•Coordination bonds were formed between metals and the nitrogen atoms of resins.
8	
9	

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