

Electronic Supplementary Information

Glycidyl methacrylate based resin functionalized with graphene oxide for column preconcentration and trace determination of Cd(II) and Ni(II) in environmental and food samples

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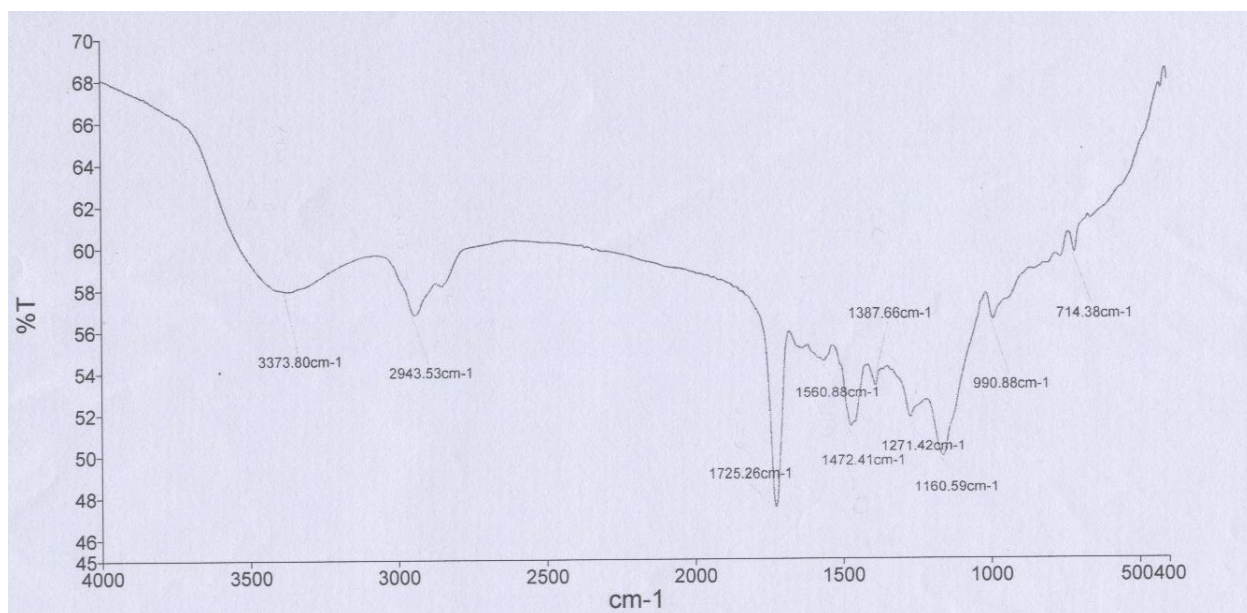
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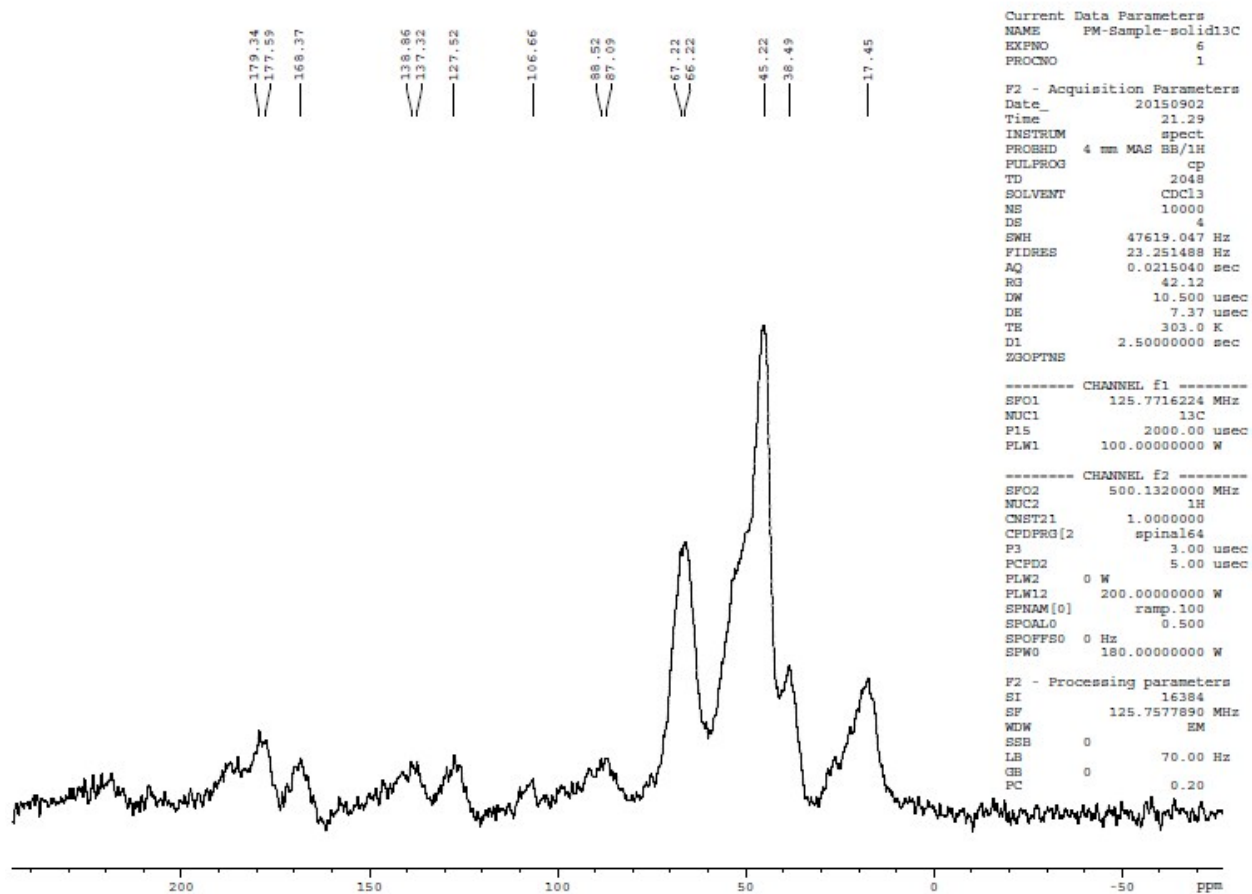
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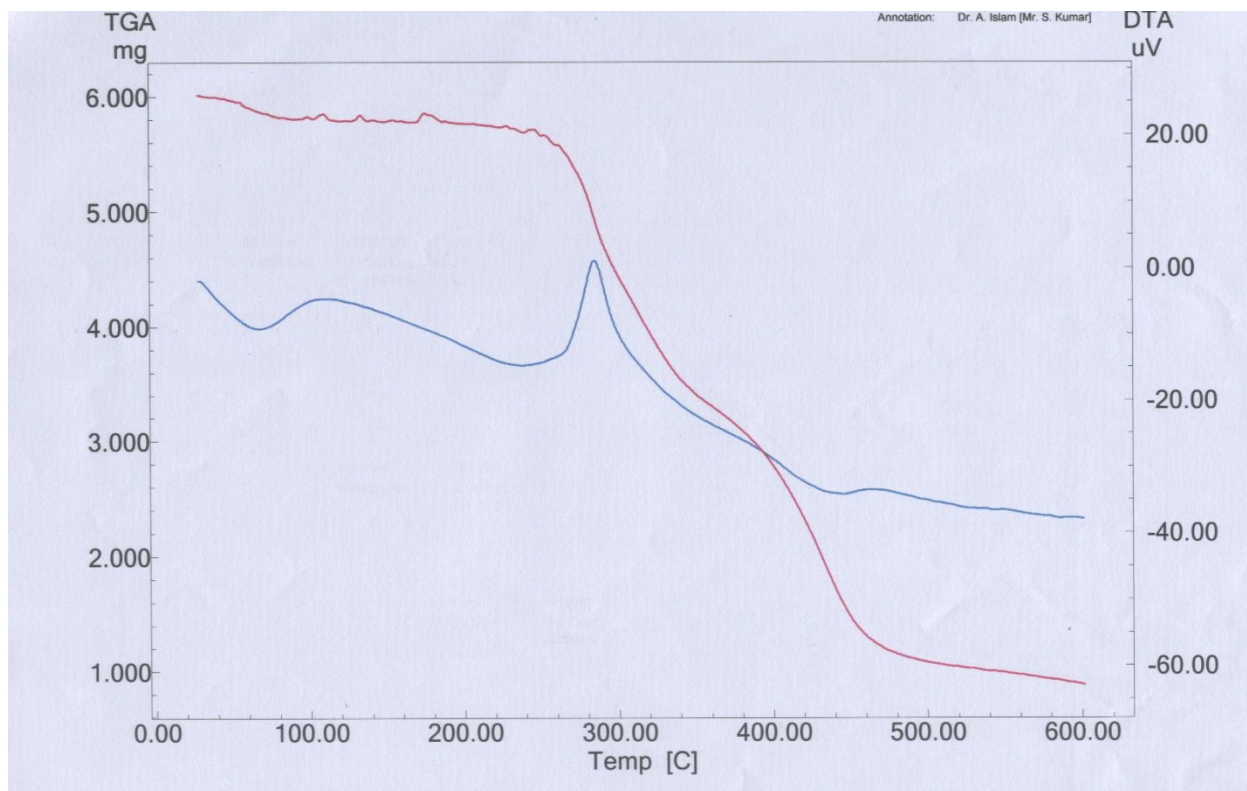
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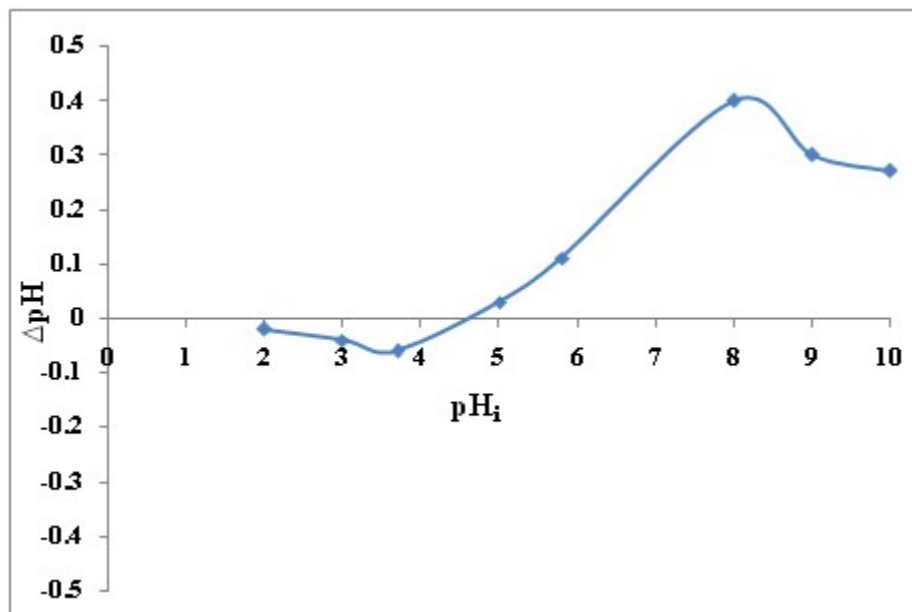
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ESI2. ¹³C NMR spectrum of p-DETAGO



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ESI4. The point of zero charge (pHpzc) of p-DETAGO

Table S1. Effect of temperature on the sorption and loading half time of Ni(II) and Cd(II) (Experimental conditions : 0.1 g resin, 50mL solution of 0.05mM Ni(II) and Cd(II))

Temperature	Sorption capacity (mg g ⁻¹)		Loading half time $t^{1/2}$ /min	
	Ni(II)	Cd(II)	Ni(II)	Cd(II)
25±0.2°C	17.02	38.78	15	10
35±0.2°C	19.95	41.59	10	8
45±0.2°C	21.13	43.84	5	5