

SUPPLEMENTARY MATERIAL TO
**Kinetic and isotherm studies for the biosorption of nickel ions by
jute fabrics**

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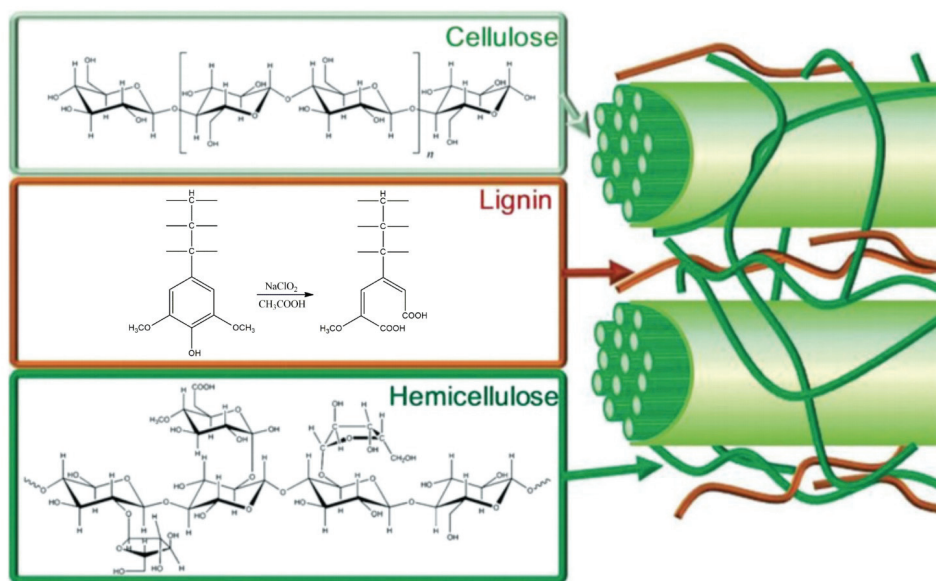


Fig. S-1. Chemical composition of jute fibres (Figure parts are taken from the literature^{1,2})

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Statistical analysis

TABLE S-I. Results of *t*-test analysis by comparing the chemical composition and COOH group quantity of jute biosorbents. Values of parameter $|t|$ regarding the chemical composition of jute fabric and quantity of COOH groups ($df = n_1 + n_2 - 2 = 4$) ($n_1 = n_2 = 3$)

Jute fabrics					
RJ, A1/30	RJ, A17.5/5	A1/30, A17.5/5	RJ, C30	RJ, C60	C30, C60
Hemicellulose content, %*			Lignin content, %*		
13.89	28.72	26.75	13.21	25.86	14.30
COOH group quantity, %*			COOH group quantity, %*		
28.47	19.91	7.52	26.8	111.92	5.60

*0.001 level of significance.

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