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CORRECTION



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Correction: Deciphering 'water-soluble lignocellulose' obtained by mechanocatalysis: new insights into the chemical processes leading to deep depolymerization

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Correction for 'Deciphering 'water-soluble lignocellulose' obtained by mechanocatalysis: new insights into the chemical processes leading to deep depolymerization' by Mats Käldström *et al., Green Chem.,* 2014, **16**, 3528–3538.

On page 3532, second column, the second paragraph should read:

"The last important information that can be extracted from the HSQC spectra is the relative composition of lignin in terms of coumaryl (H), coniferyl or guaiacyl (G) and sinapyl (S) units. To obtain the composition of H, G and S units, the aromatic region of the HSQC spectra (Fig. 3b and 3d) was analyzed. The ¹H-¹³C pairs considered in this estimation are H_{2/6} (δ_C/δ_H , 128.0/ 7.2 ppm, not detected in the beechwood samples studied here), G₂ and S_{2/6} (the contribution of S'_{2,6} included) because of their similar chemical environment.²² Hence, by using the half-value of the volume integral of the correlation signals S_{2/6} (note that they correspond to two ¹H-¹³C pairs), in addition to the entire integral value for G₂, the lignin composition can be estimated in terms of S and G units as given by eqn (2) and (3), respectively.

$$S(\%) = \frac{0.5 \times S_{2,6}}{(0.5 \times H_{2,6}) + G_2 + (0.5 \times S_{2,6})}$$
(2)

$$G(\%) = \frac{G_2}{(0.5 \times H_{2,6}) + G_2 + (0.5 \times S_{2,6})}$$
(3)

The values for S- and G-contents (Table 2) are correct. The discussion and conclusions remain unchanged.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

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