





Author Correction: Streamlined hydrogen production from biomass

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Correction to: *Nature Catalysis* <https://www.nature.com/articles/s41929-018-0062-0>, published online 30 April 2018.

In the version of this Article originally published, formaldehyde (CH_2O) was not identified alongside the main product, formic acid. Formaldehyde previously was not observed due to H_2O resonance in the ^1H NMR spectrum. The presence of CH_2O has now been confirmed by ^1H NMR and ^{13}C NMR in d_6 -DMSO. These results are shown in Supplementary Fig. 5; in which panels b and c have been added to show the presence of CH_2O .

The KIE studies were then conducted with the addition of CH_2O , in the form of paraformaldehyde. This addition has no influence on the previous conclusion that decarboxylation is involved in the RDS. In Table 3, the 'Reaction solution' column now lists CH_2O as an additional additive in each reaction solution. Footnote a now also includes "paraformaldehyde, 6.6 mg, 0.21 mmol, dissolved in the reaction mixture".

An additional experiment in the presence of CH_2O (paraformaldehyde was added and dissolved in the reaction mixture) was conducted to investigate the effect of each component in the reaction mixture after the hydrolysis-oxidation step on the production of H_2 , and added as new entry 9 in Supplementary Table 6. Notably, no significant influence on the catalyst performance was observed in the presence of CH_2O (4 mol%). In Fig. 4, " CH_2O " has been added after "HOAc" in the list of chemicals shown in green.

In the sentence "First, the analysis of the liquid phase...", " CH_2O (4 mol%, exists as methanediol)" has been added to the list of chemicals in the liquid phase. In the sentence "No significant influence on the catalyst ...", " CH_2O " has been added to the list of chemicals present, and "entries 6–8" has been changed to "6–9". Furthermore, "Supplementary Table 6, entries 9 and 10" has been replaced with "Supplementary Table 6, entries 10 and 11".

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