

Supporting Information

Selective furfuryl alcohol production from furfural via bio-electrocatalysis

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Figure S1 Flowchart for the preparation of the Rh-complex fixed electrode.

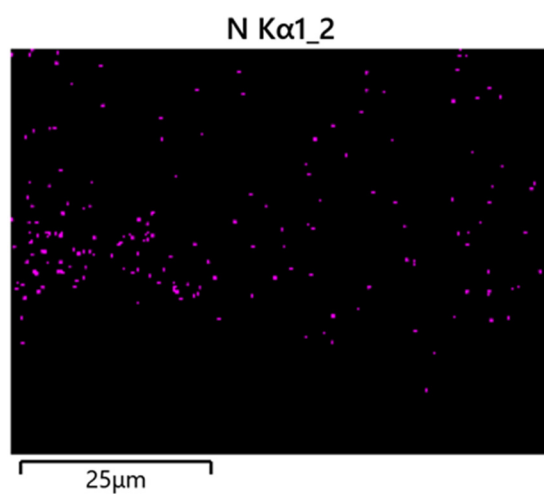


Figure S2 Elemental mappings of the Rh-complex fixed electrode, and the purple dots represented the N element.

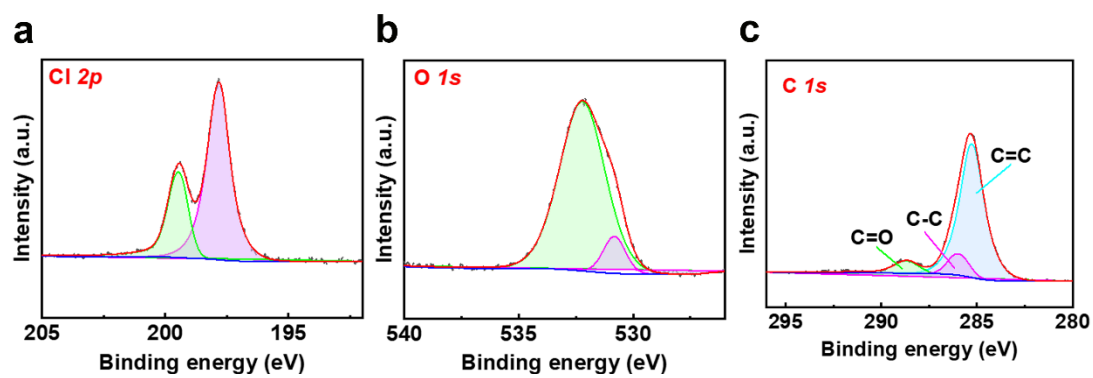


Figure S3 XPS spectrum of (a) Cl 2*p*; (b) O 1*s*; and (c) C 1*s*.

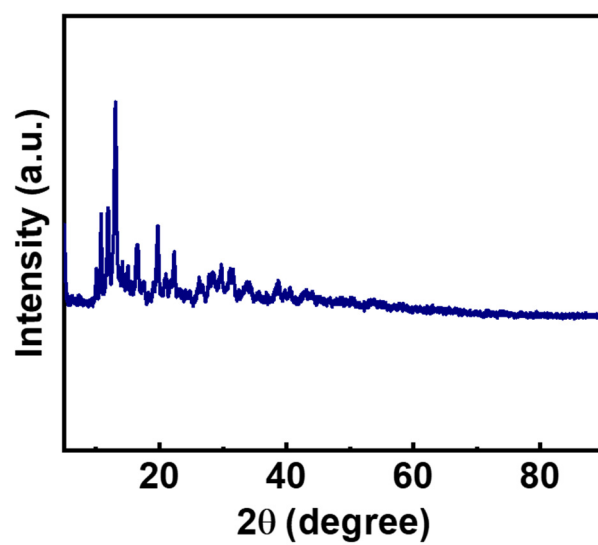


Figure S4 XRD patterns of the Rh-complex.

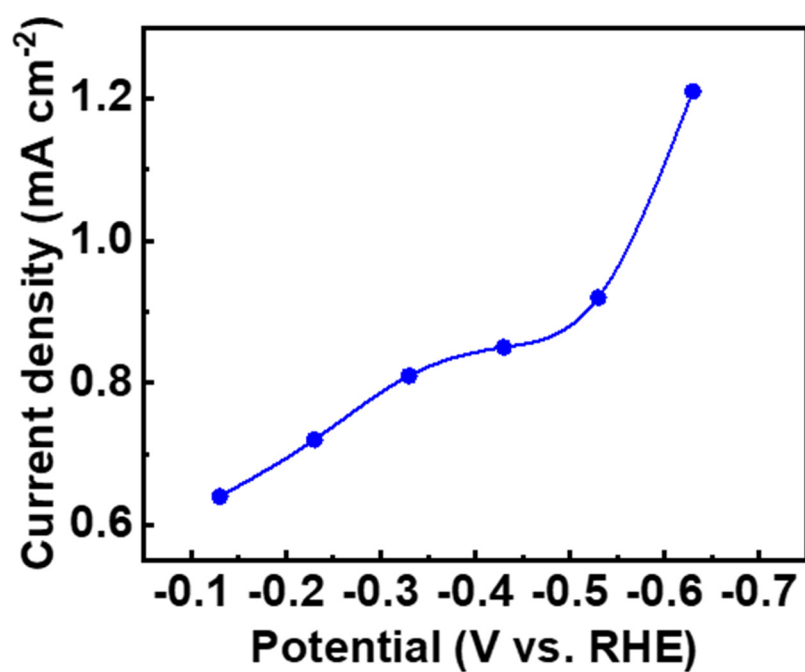


Figure S5 The current densities of the bio-electrocatalytic hydrogenation of furfural under different applied potentials.



Figure S6 The H-cell used in the bio-electrocatalytic hydrogenation of furfural.

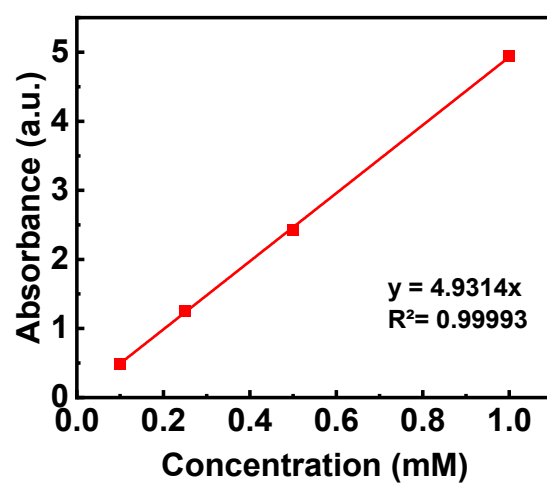


Figure S7 UV-vis standard curve of NADH at 340 nm.

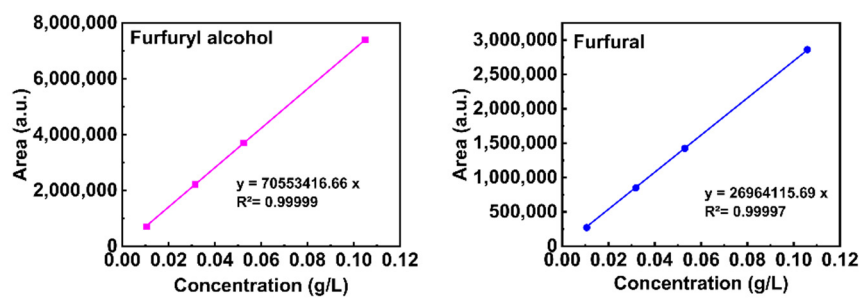


Figure S8 HPLC standard curves of furfuryl alcohol and furfural.