

## Supporting Information

### **Dehydration of Glucose to 5-Hydroxymethylfurfural Using Nb-doped Tungstite**

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Table S1: Integrated areas of ESI-MS peaks of 5-HMF and the two compounds with  $m/z = 144$  g/mol and  $m/z = 158$  g/mol which are all products of the dehydration of glucose over  $\text{WO}_3$  in a THF/water mixture at  $120^\circ\text{C}$ .

<b>Reaction time (h)</b>	<b><math>m/z = 158</math></b>	<b>Hydrated HMF <math>m/z = 144</math></b>	<b>HMF</b>
0.5	125	18	n.d.
1	389	61	1012
2	407	144	1474
3	436	147	2596
3+HCl	319	48	6162

Figure S1: ESI-MS LC chromatograms of reaction mixtures obtained from glucose dehydration over WO<sub>3</sub> in a THF/water mixture at 120°C.

