

# Supporting Information

for

## Adsorption and oxidation of formaldehyde on a polycrystalline Pt film electrode: An in situ IR spectroscopy search for adsorbed reaction intermediates

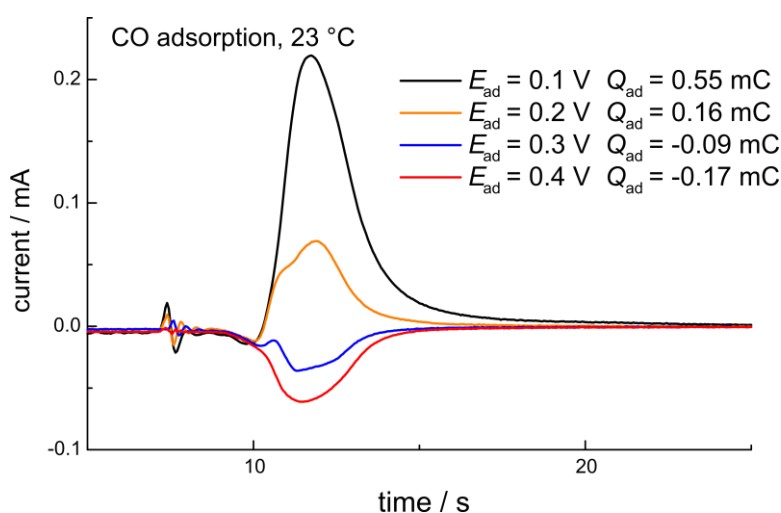
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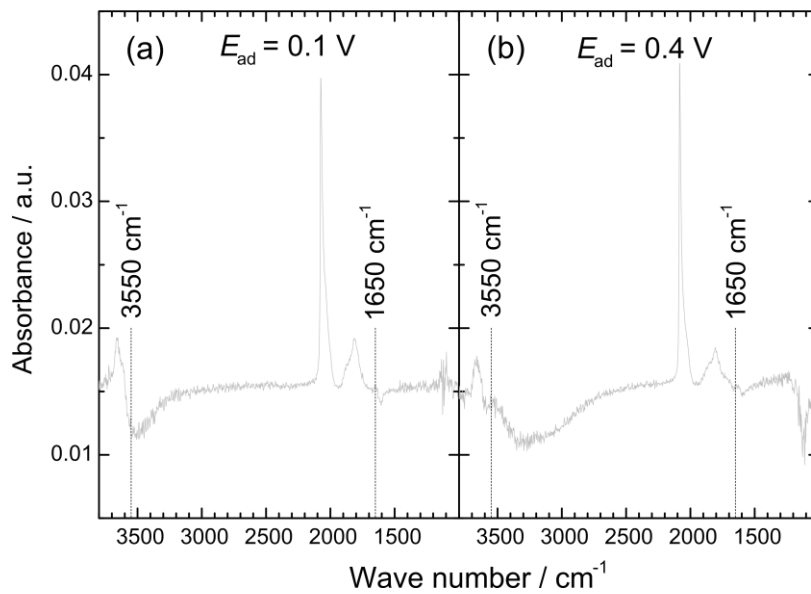
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### Additional experimental details



**Figure S1:** CO adsorption transients on a Pt film electrode at constant potentials (see Figure) upon admission of CO-saturated 0.5 M HClO<sub>4</sub> at room temperature.



**Figure S2:** Initial ATR-FTIR spectra acquired ca. 2 s after admission of CO saturated 0.5 M HClO<sub>4</sub> solution to a Pt film electrode at: 0.1 V (a) and 0.4 V (b), room temperature.