

Supplementary Materials

# The Effects of Catalyst Support and Temperature on the Hydrotreating of Waste Cooking Oil (WCO) over CoMo Sulfided Catalysts

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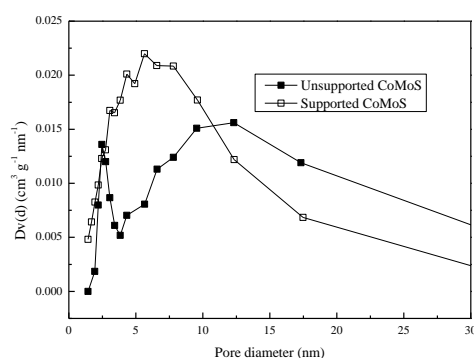
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**Figure S1.** BJH pore size distribution of the supported and unsupported catalyst

**Table S1.** The amount of active sites on the supported and unsupported catalyst <sup>[a]</sup>

| Catalysts   | H <sub>2</sub> consumption |                         | H <sub>2</sub> S production |                         |
|-------------|----------------------------|-------------------------|-----------------------------|-------------------------|
|             | Temperature                | Amount                  | Temperature                 | Amount                  |
|             | (°C)                       | (mmol g <sup>-1</sup> ) | (°C)                        | (mmol g <sup>-1</sup> ) |
| Supported   | 175-275                    | 0.55                    | 175-610                     | 0.13                    |
| Unsupported | 230-430                    | 2.56                    | 402-510                     | 1.26                    |

<sup>[a]</sup> Calculation based on the first peak