**Supplementary figures to the manuscript entitled**

**Rapid degradation of malachite green by CoFe2O4-SiC foam under microwave radiation**

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Figure SF-1. XPS spectra of (a) C, (b) Co, (c) Fe, (d) Si, (e) O.

Figure SF-2.(a)LC-MS chromatograms of MG solution before the reaction; (b) LC-MS chromatograms of MG solution after reaction.



Figure SF-3. Proposed reaction scheme for the degradation of MG in the MW-catalytic process.