## **Supplementary Information**

For

## Design of novel Ag-MOF@GO composite with high specific surface area and structural stability for efficient removal of malachite green

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Fig. S1. Langmuir, Freundlich and Temkin isotherm models for the adsorption of MG dyes at

three different temperatures using Ag-MOF@GO.



Fig. S2. XRD spectra of Ag-MOF@GO after three cycles.