Electronic Supplementary Information

Inorganic-organic hybrid NiO-g-C₃N₄ photo-catalyst for efficient

methylene blue degradation under visible light irradiation

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Supplementary Information



Fig. S1 The MB dye adsorption over $g-C_3N_4$ (a) and the hybrid catalysts $1\sim 6$ (b-g, respectively) for various time. (h) The magnified image of (a).



Fig. S2 TEM image of the NiO-g- C_3N_4 hybrid catalyst.



Fig. S3 The distribution of pore diameter measured by Barrett-Joyner-Halenda (BJH) method.



Fig. S4 MB degradation over pristine $g-C_3N_4$, sample 3 (6.3 wt. % NiO), and the mixture of $g-C_3N_4$ and NiO (6.3 wt. %).