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6	Supporting Information
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8 9	Chemical exfoliation of graphitic carbon nitride for
10	efficient heterogeneous photocatalysis
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- *Figure S1.* AFM image and the thickness information of the g-C₃N₄ using 75 wt% H₂SO₄ for

exfoliation.



Figure S2. AFM image and the thickness information of the g-C₃N₄ using 50 wt% H₂SO₄ for

exfoliation.





Figure S3. Statistical study of the thickness of the Monolayer- C_3N_4 samples by AFM.





Figure S4. AFM image and the thickness information of the bulk g-C₃N₄ before chemical

exfoliation.



Figure S5. TEM images of the bulk g-C₃N₄ before chemical exfoliation.



Figure S6. EDX elements analysis of the bulk $g-C_3N_4$ and Monolayer- C_3N_4 .





Figure S8. Photocatalytic degradation of MB under visible light irradiation with the presence 6 of bulk $g-C_3N_4$ and Monolayer- C_3N_4 .



Figure S9. Light spectrum of Xenon lamp.