Supplementary Material

Photocatalytic degradation of two different types of dyes by synthesized La/Bi$_2$WO$_6$

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Fig. S1 Chemical structure of X-3B and RhB
Fig. S2 The recycled performance of La/Bi$_2$WO$_6$ for X-3B and RhB
Fig. S3 Effects of H$_2$O$_2$ alone on the removal of dyes under simulated solar irradiation
**Fig. S4** Optical absorption spectroscopy of H$_2$O$_2$ solution in the range of 200-400 nm