

SUPPORTING INFORMATION

**Effect of phosphate salts (Na_3PO_4 , Na_2HPO_4 and NaH_2PO_4)
on Ag_3PO_4 morphology for photocatalytic dye degradation under visible light
and toxicity of the degraded dye products**

Pongsaton Amornpitoksuk^{a,c,*}, Khanitta Intarasuwan^a, Sumetha Suwanboon^{b,c}, Jonas Baltrusaitis^d

^aDepartment of Chemistry and Center of Excellence for Innovation in Chemistry,
Faculty of Science, Prince of Songkla University, Hat-Yai, Songkhla, 90112, Thailand.

^bDepartment of Materials Science and Technology, Faculty of Science,
Prince of Songkla University, Hat-Yai, Songkhla, 90112, Thailand.

^cCenter of Excellence in Nanotechnology for Energy (CENE), Prince of Songkla University,
Hat-Yai, Songkhla, 90112, Thailand

^dPhotoCatalytic Synthesis Group, University of Twente, Meander 229, P.O.Box 217,
7500 AE Enschede, The Netherlands

***Corresponding author**

Dr. Pongsaton Amornpitoksuk

E-mail : ampongsa@yahoo.com

Fax : 00 66 74558841

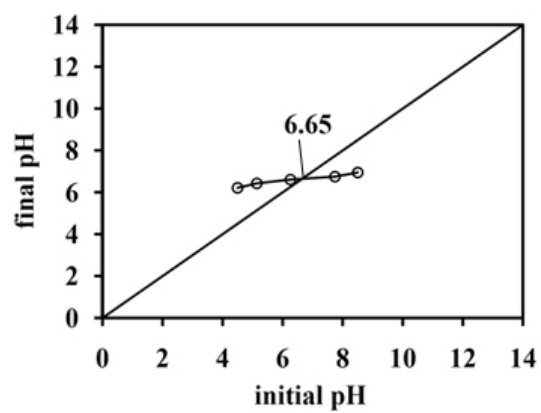


Figure S1. Determination of the point of zero change using a pH drift method.

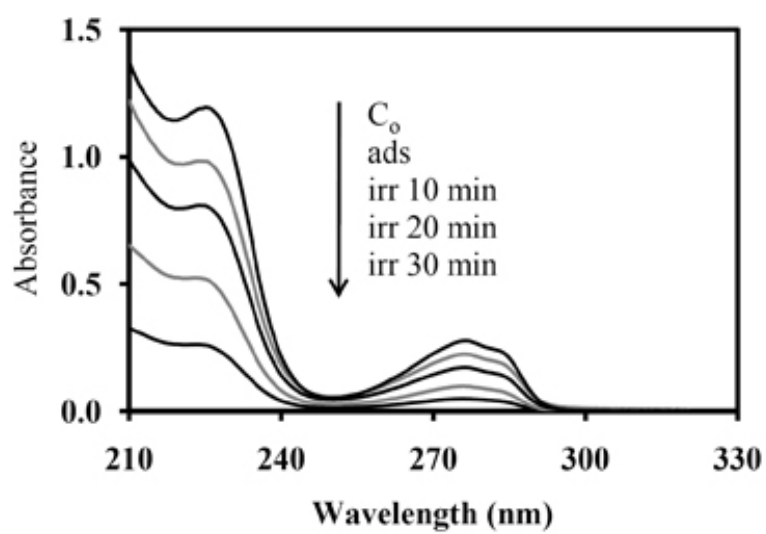


Figure S2. The changes of the absorption spectra of bisphenol A over Ag_3PO_4 at different irradiation times.