

Supplementary Material

Solar photocatalytic removal of arsenic from polluted water using carbon modified titanium oxide nanoparticles supported on activated carbon

Radwan Kh. Alfarawati,^A Yasser A. Shaban,^{A,B,C} Adnan J. Turki,^A Yasar N. Kamil^A and Mousa I. Zobidi^A

^AMarine Chemistry Department, Faculty of Marine Sciences, King Abdulaziz University, PO Box 80207, Jeddah 21589, Saudi Arabia.

^BNational Institute of Oceanography and Fisheries, Qayet Bay, Alexandria 21411, Egypt.

^CCorresponding author. Email: yasrsh@yahoo.com

Table S1: Ionic composition of the studied wastewater samples

(Salinity: 30.8‰)

Ions	Concentration (mM)
Chloride (Cl ⁻)	492.6
Sodium (Na ⁺)	421.198
Sulfate (SO ₄ ²⁻)	25.44
Magnesium (Mg ²⁺)	47.45
Calcium (Ca ²⁺)	9.23
Potassium (K ⁺)	9.16
Strontium (Sr ²⁺)	0.08
Bicarbonate (HCO ₃ ⁻)	1.78
Bromide (Br ⁻)	0.97