

Supplementary Data

This supplementary data is a part of a paper entitled “Green Fabrication of Silica with Zinc Oxide as Nanocomposite for Adsorption of Methylene Blue Dye from Aqueous Solution”.

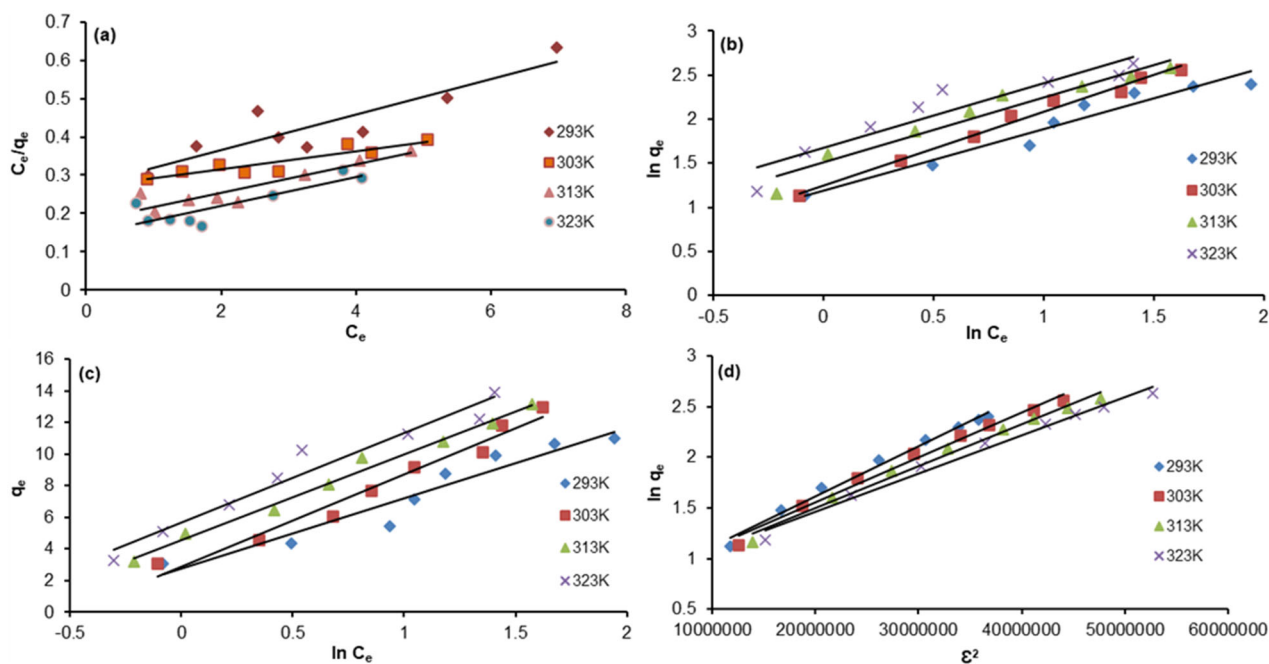


Fig S1. Linear relation of isotherms (a) Langmuir, (b) Freundlich, (c) Temkin, and (d) Dubinin-Radushkevich models of MB adsorption on Si-Zn NC

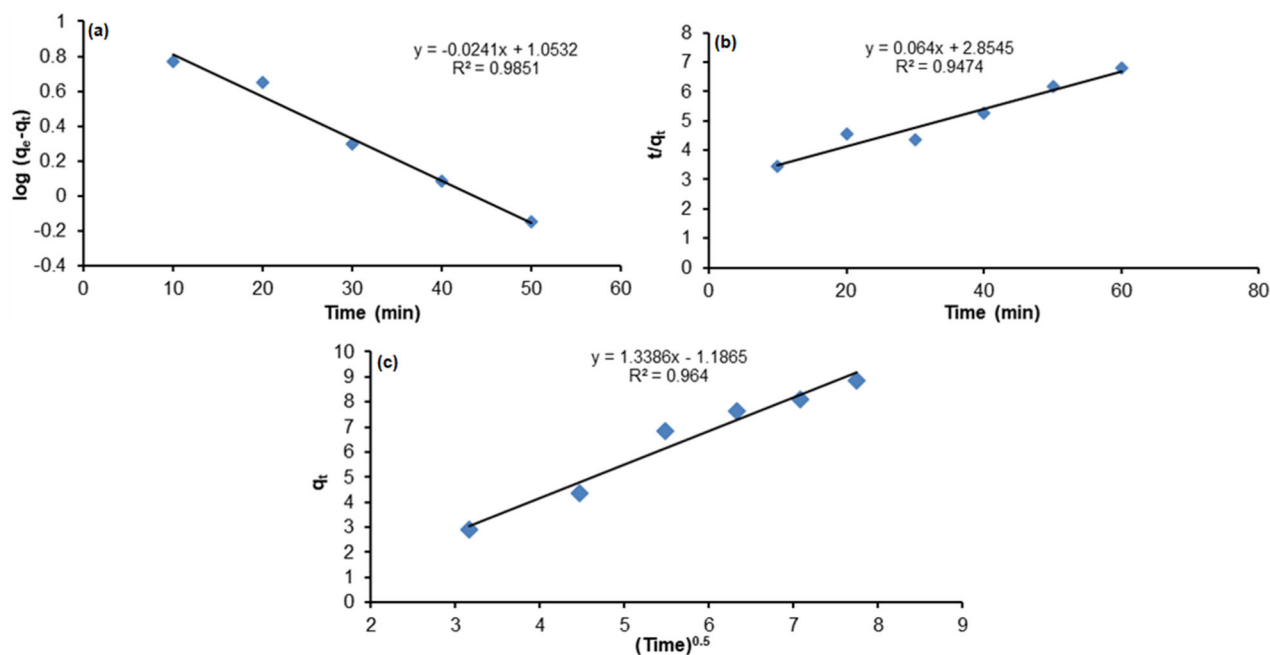


Fig S2. Kinetics models of adsorption of MB adsorption on Si-Zn NC, (a) pseudo-first-order, (b) pseudo-second-order, and (c) intra particle diffusion

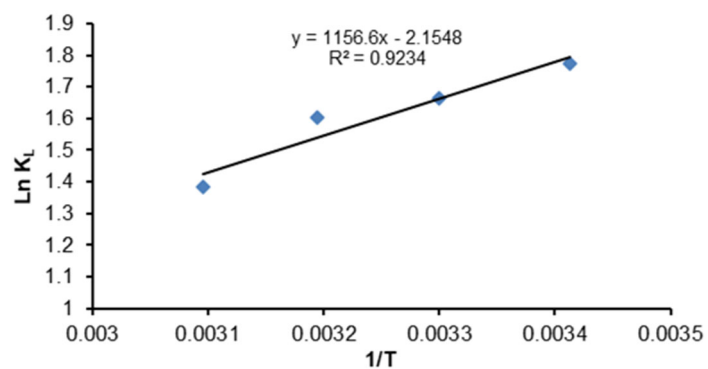


Fig S3. The van't Hoff plot of MB adsorption onto Si-Zn NC