

Electronic Supplementary Information

Highly Selective Bisphenol A-Imprinted Polymers Prepared by Atom Transfer Radical Polymerization

Shogo Sasaki, Tooru Ooya and Toshifumi Takeuchi

Graduate School of Engineering, Kobe University, 1-1 Rokkodai-cho, Nada-ku, Kobe 657-8501, Japan. Tel/Fax: +81788036158; E-mail: Takeuchi@gold.kobe-u.ac.jp

An equilibrium binding constant of MIP-ATRP-2.4/0.8 for MIPs toward BPA was calculated to be $1.3 \times 10^3 \text{ M}^{-1}$ via a Langmuir plot, where C_{eq} : free BPA (mol/L), A: bound BPA (mol/g), K: binding constant (M^{-1}), and S: binding sites in the polymer (mol/g).

