Indian Journal of Biochemistry & Biophysics
Vol. 58, December 2021, pp. 520-531

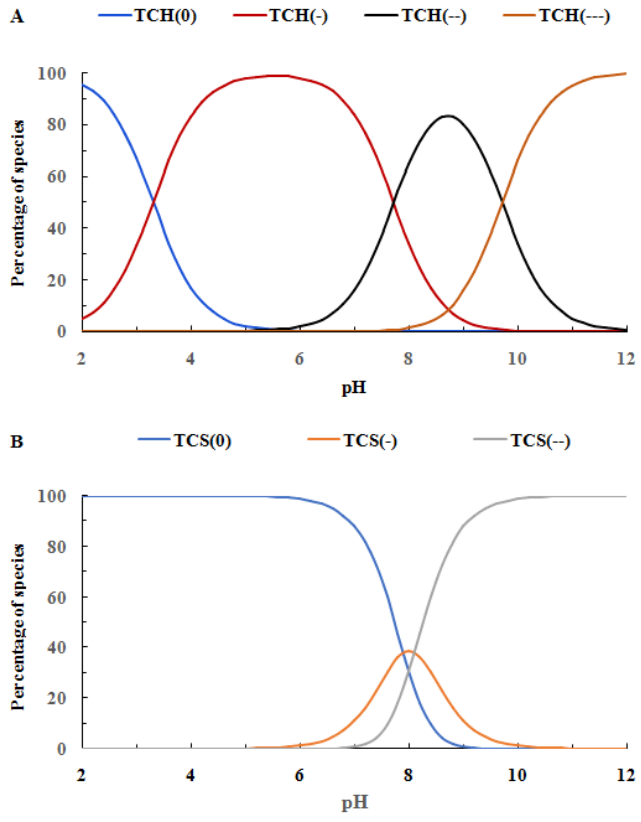
Facile synthesis and implications of novel hydrophobic materials: Newer insights of pharmaceuticals removal

Ralte Malsawmdawngzela[1], Lalhmunsiama[2] & Diwakar Tiwari[1]*

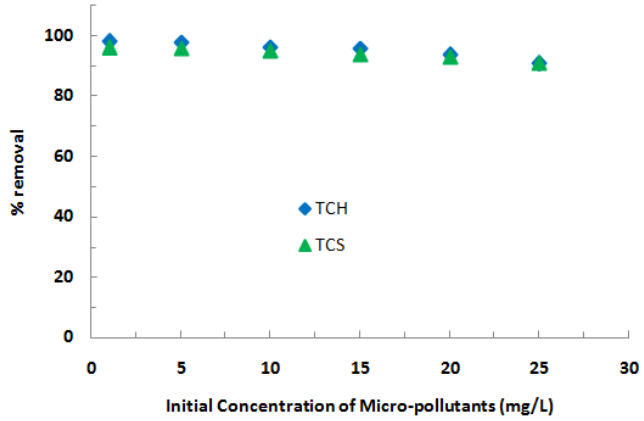
[1]Department of Chemistry; & [2]Department of Industrial Chemistry, Mizoram University, Aizawl-796 004, India

Received 15 December 2020; *revised 18 March 2021*

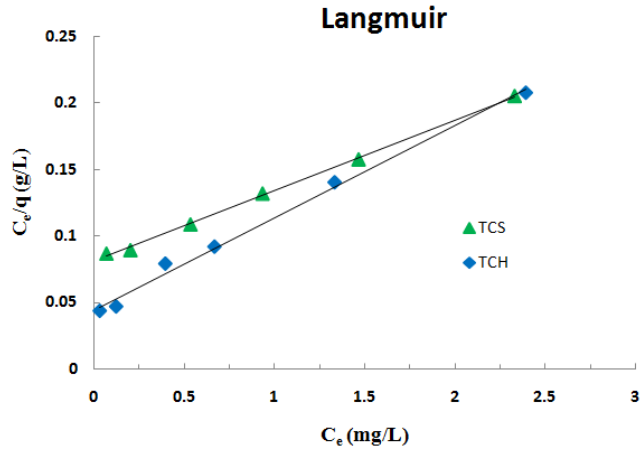
Supplementary Figures:



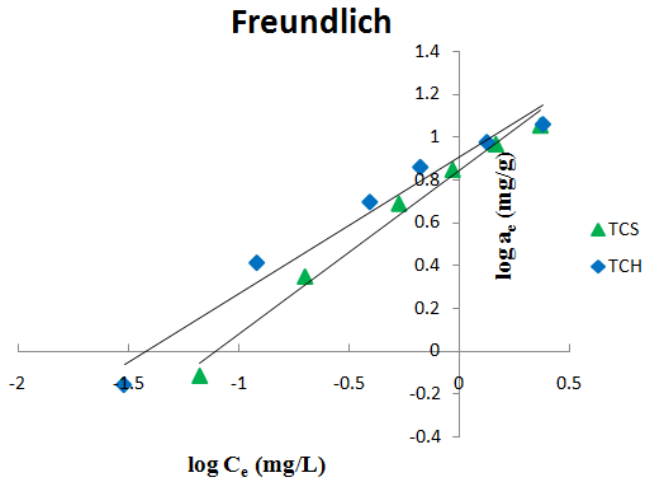
Suppl. Fig. S1 — Percentage distribution of (A) tetracycline species; and (B) triclosan species as a function of pH



Suppl. Fig. S2(A) — Effect of initial sorptive concentration in the removal of TC and TCS by MPTS/BENT[pH of TC/TCS: 4.0 at 25°C]



Suppl. Fig. S2(B) — Plots of Langmuir isotherm in the sorption of TCH and TCS by MPTS/BENT



Suppl. Fig. S2 (C) — Plots of Freundlich isotherm in the sorption of TCH and TCS by MPTS/BENT