

The factor affecting on the adsorption capacity Pristine nanofibers have a relatively low amount of negative charges on their surface thus adsorbing a low amount of (M^{+x}) . There are other affected factors as pH, contact time and concentration that affecting the adsorption capacity and have been studied in batch equilibrium. The metal ion adsorption capacity of the nanofibers was enhanced during the incorporation or decoration with MWCNTs and SnO₂ NP composite since the carboxylate groups introduced on the nanofibers from MWCNTs besides the additional of SnO₂, helping in constituted more negative sites for the electrostatic attraction of metal ions.