

Tuned synthesis and characterizational insight into β -cyclodextrin amended hydrous iron-zirconium hybrid oxide: a promising scavenger of fluoride in aqueous solution

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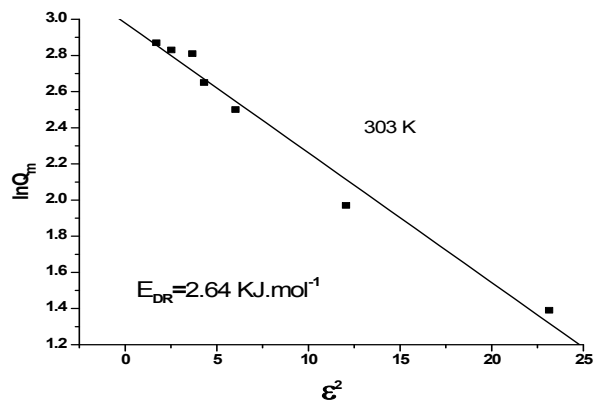
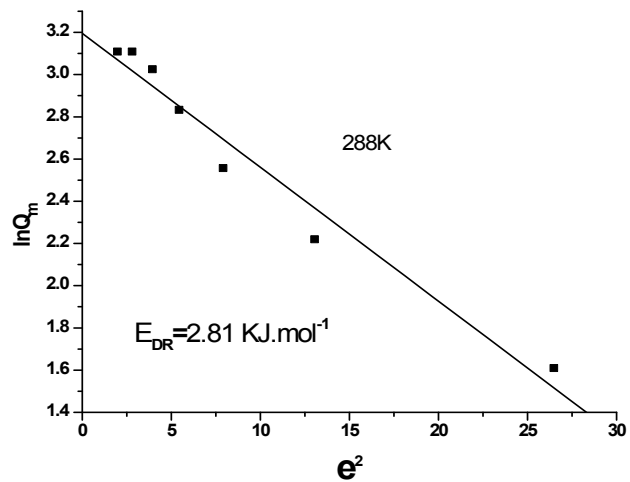


Fig.S1: D-R Isotherm plots of fluoride adsorption reaction with CHIZO at 288 and 303K

Table S1: Dubinin-Raduskevich isotherm parameters on fluoride adsorption by CHIZO

Temperature (K)	Q_m (mol.Kg ⁻¹)	B (mol ² .kJ ⁻²)	E_{DR} (kJ.mol ⁻¹)
288	24.42	0.06341	2.81
308	19.68	0.07177	2.64