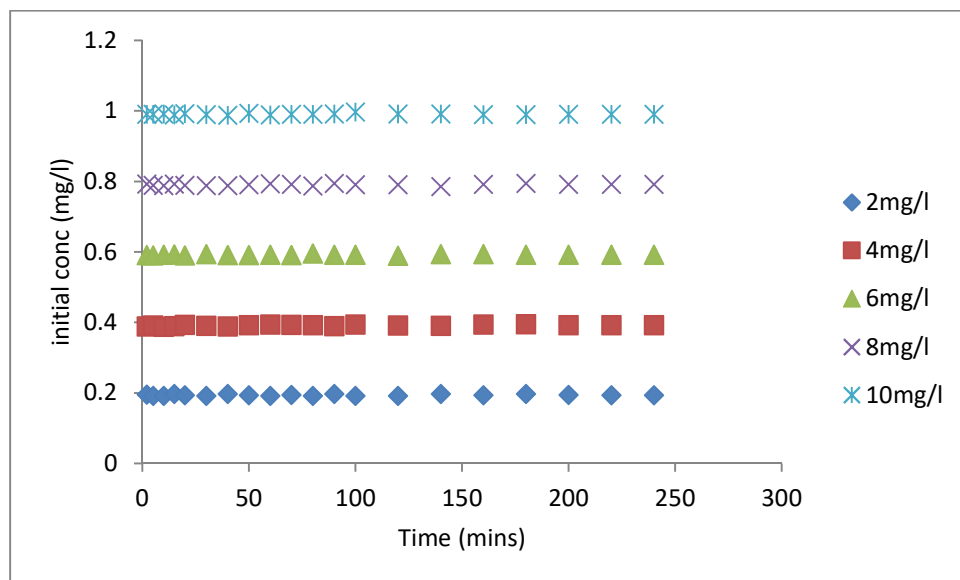
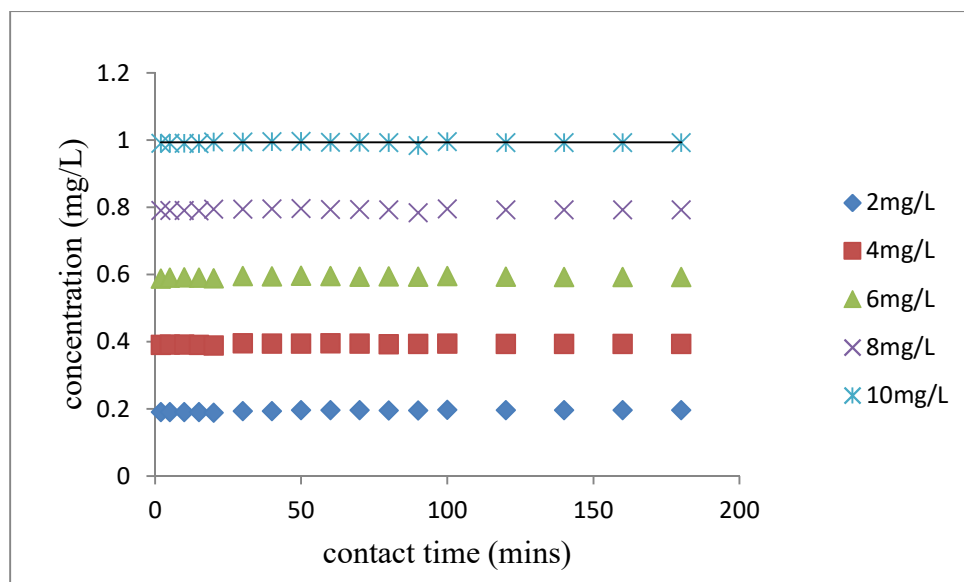


A: BATCH EQUILIBRUM STUDIES

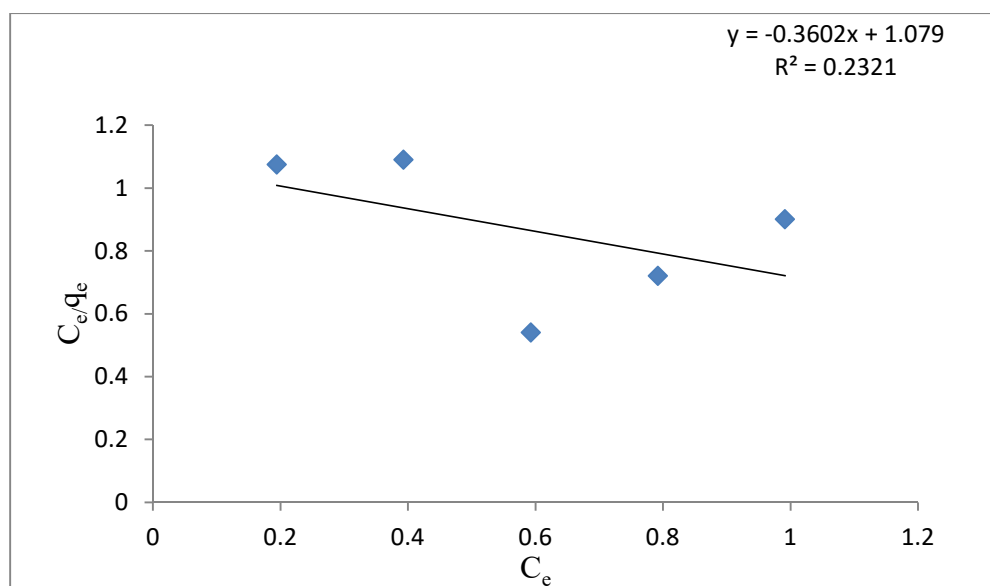


The effect of contact time and initial 2, 6-DCPIP concentration on SSA at 303K

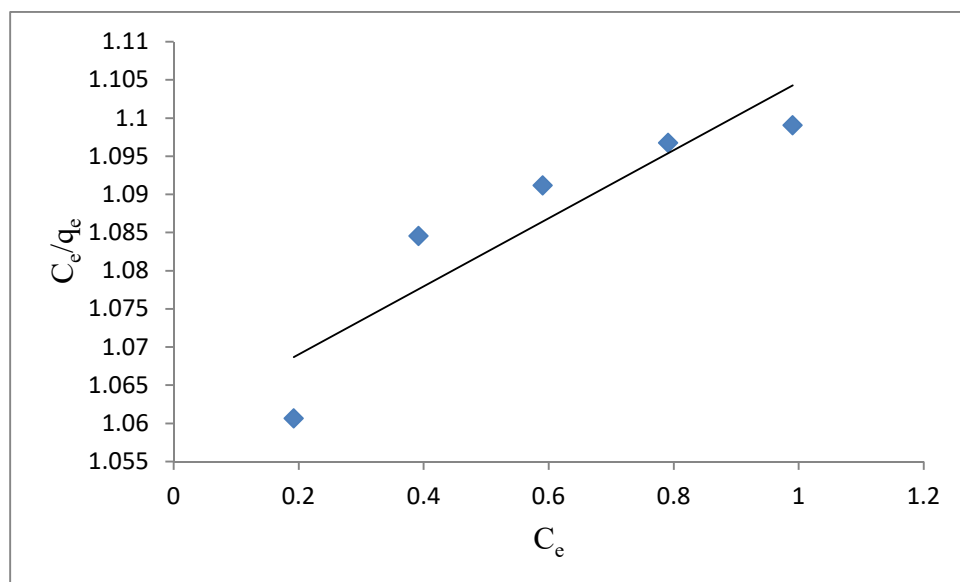


The effect of contact time and initial 2, 6-DCPIP concentration on SSA at 323K

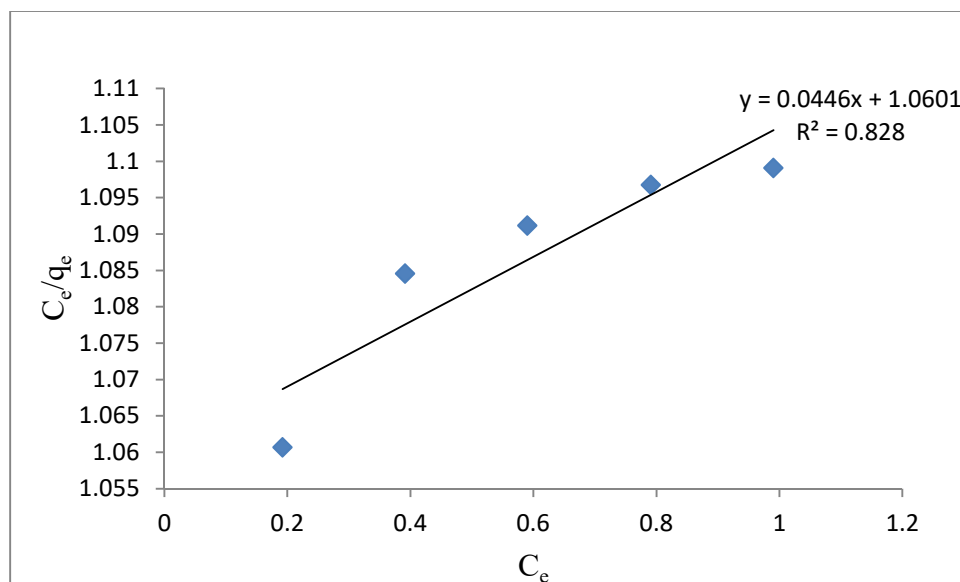
B: Plots of isotherm studies for 2, 6-DCPIP adsorption onto SSA at 303K, 313K and 323K



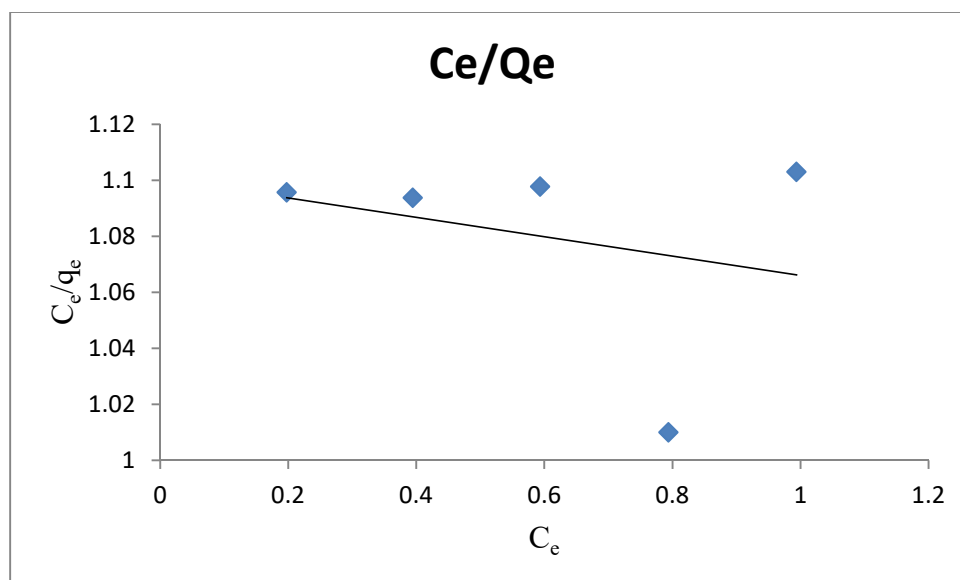
Langmuir isotherm adsorption of 2, 6-DCPIP at 303K



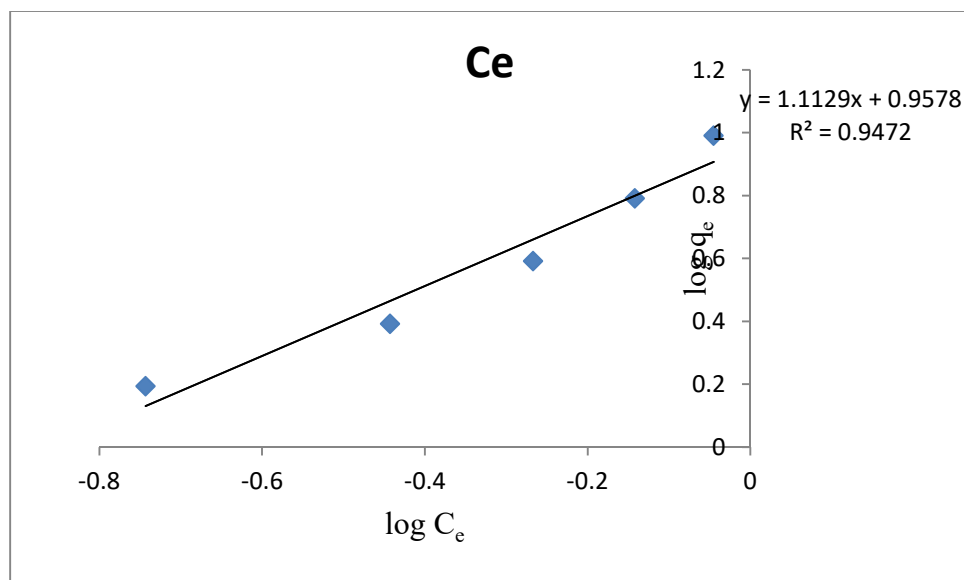
Langmuir isotherm adsorption of 2, 6-DCPIP at 313K



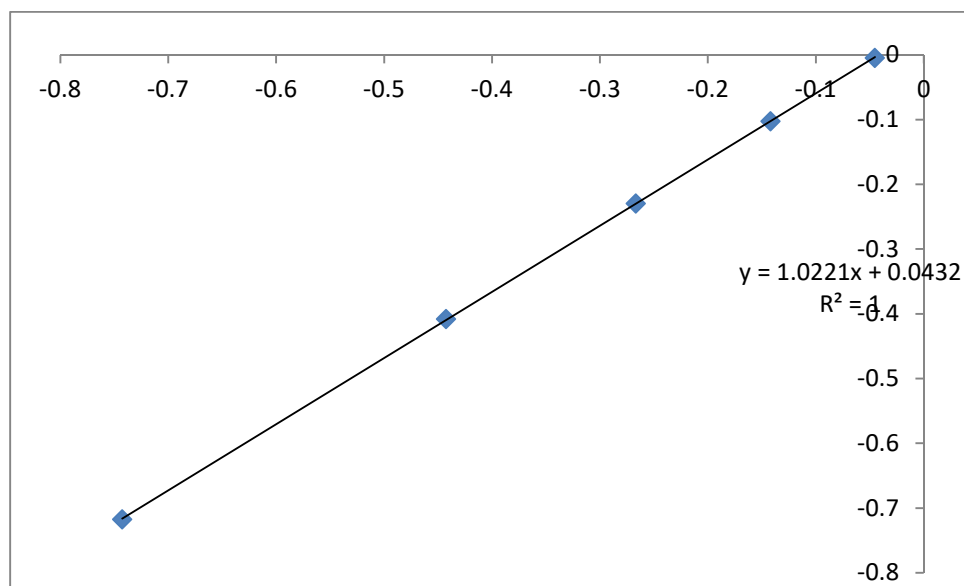
Langmuir isotherm adsorption of 2, 6-DCPIP at 313K



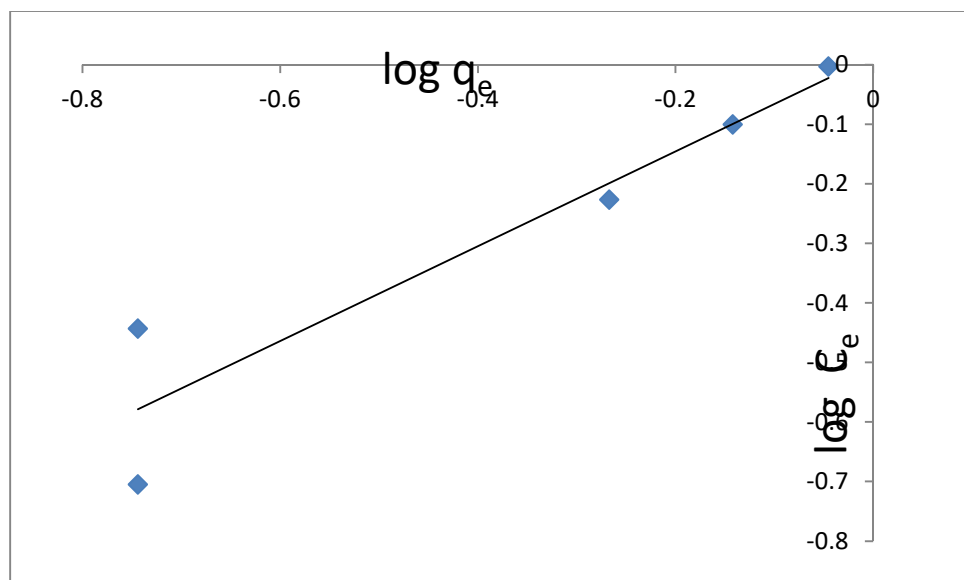
Langmuir isotherm adsorption of 2, 6-DCPIP at 323K



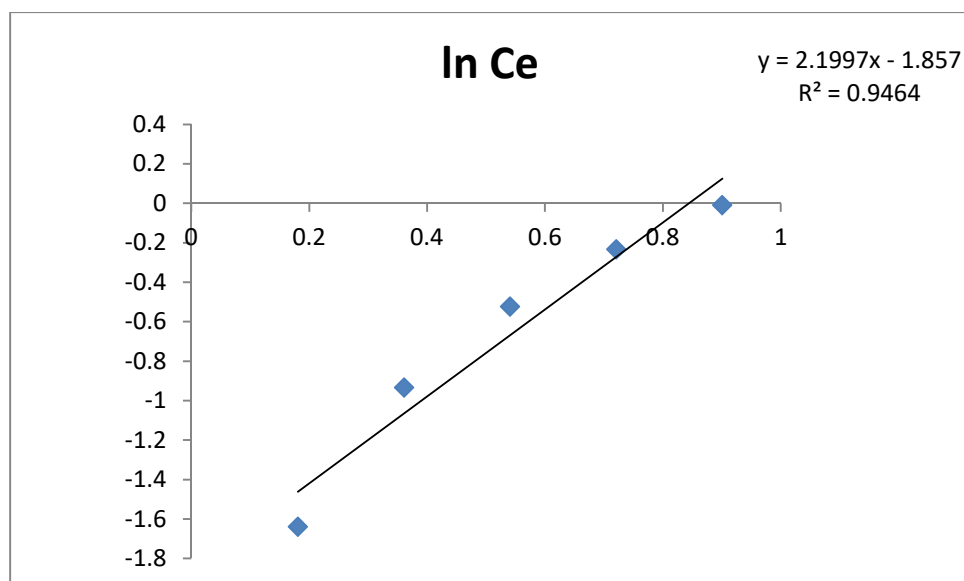
Freundlich isotherm adsorption of 2, 6-DCPIP at 303K



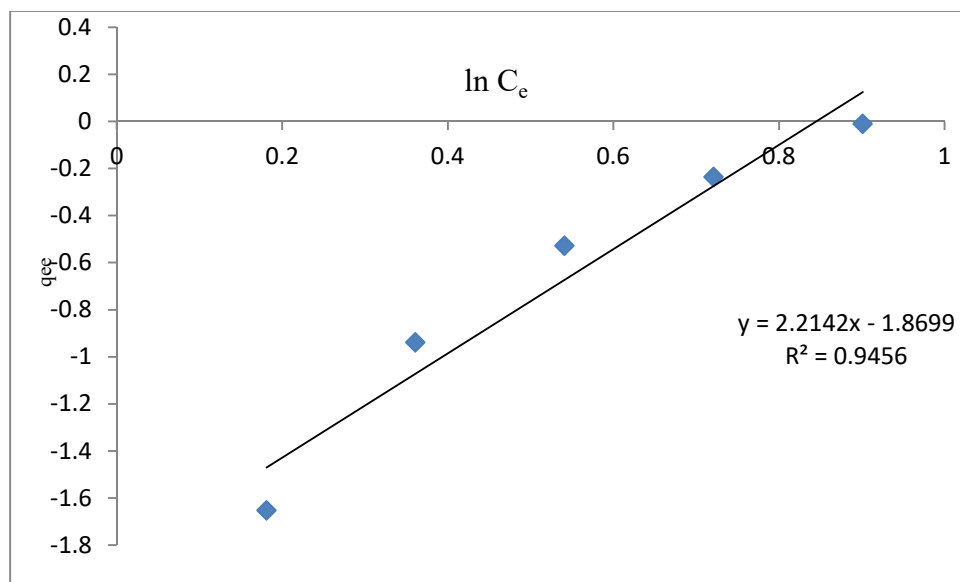
Freundlich isotherm adsorption of 2, 6-DCPIP at 313K



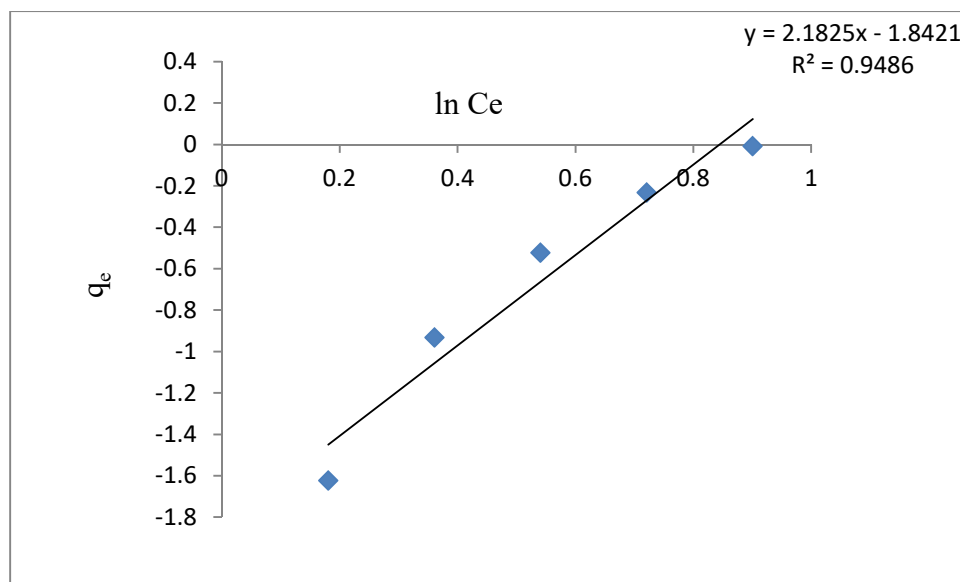
Freundlich isotherm adsorption of 2, 6-DCPIP at 323K



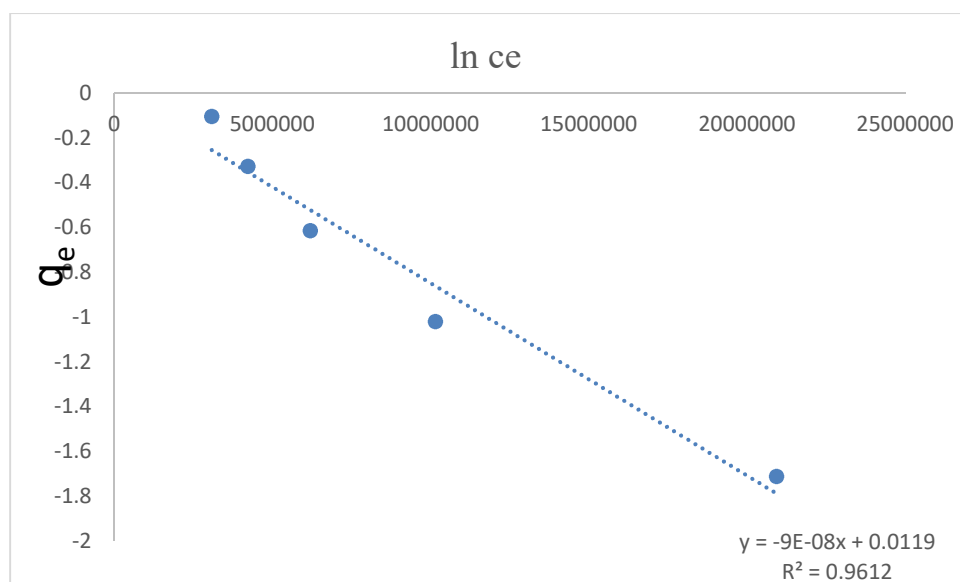
Temkin isotherm adsorption of 2, 6-DCPIP at 303K



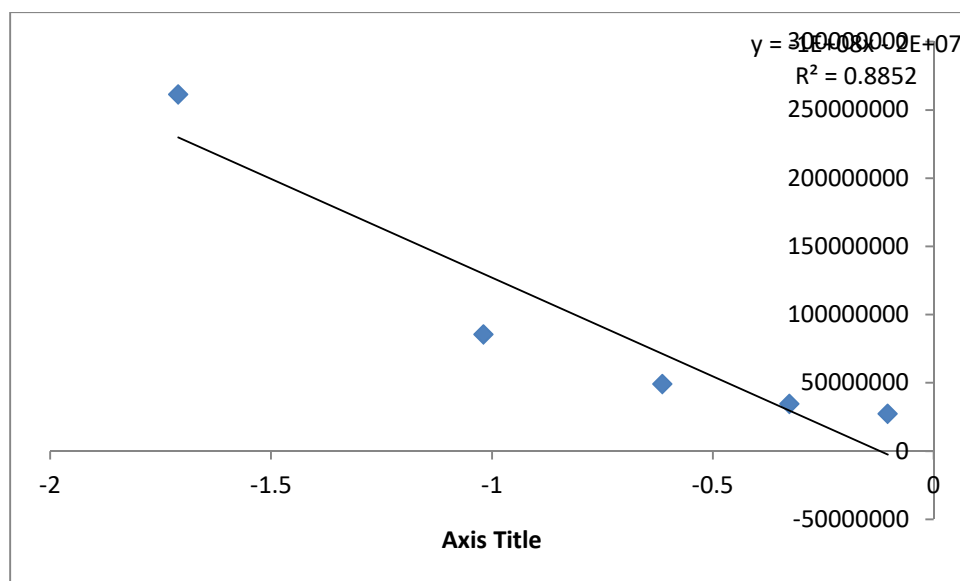
Temkin isotherm adsorption of 2, 6-DCPIP at 313K



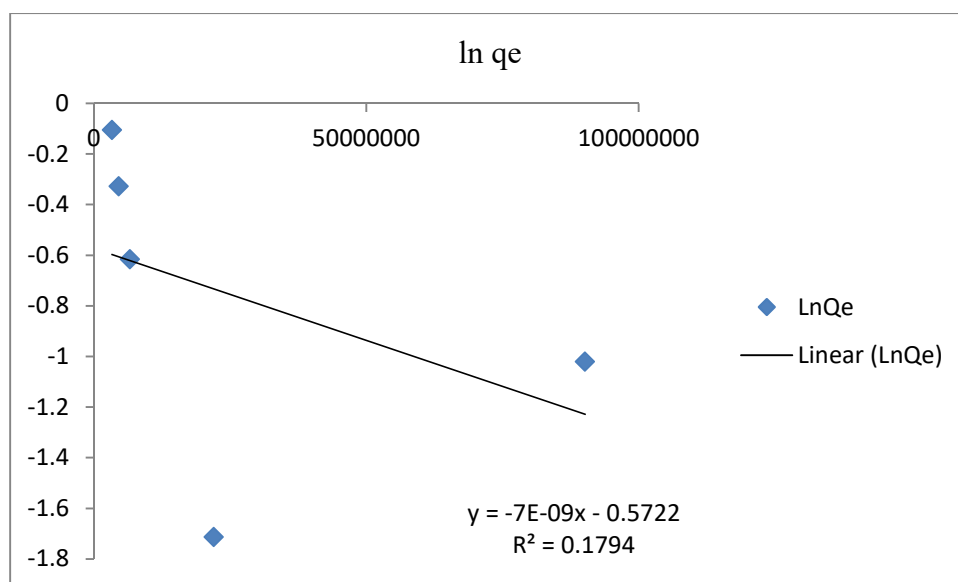
Temkin isotherm adsorption of 2, 6-DCPIP at 323K



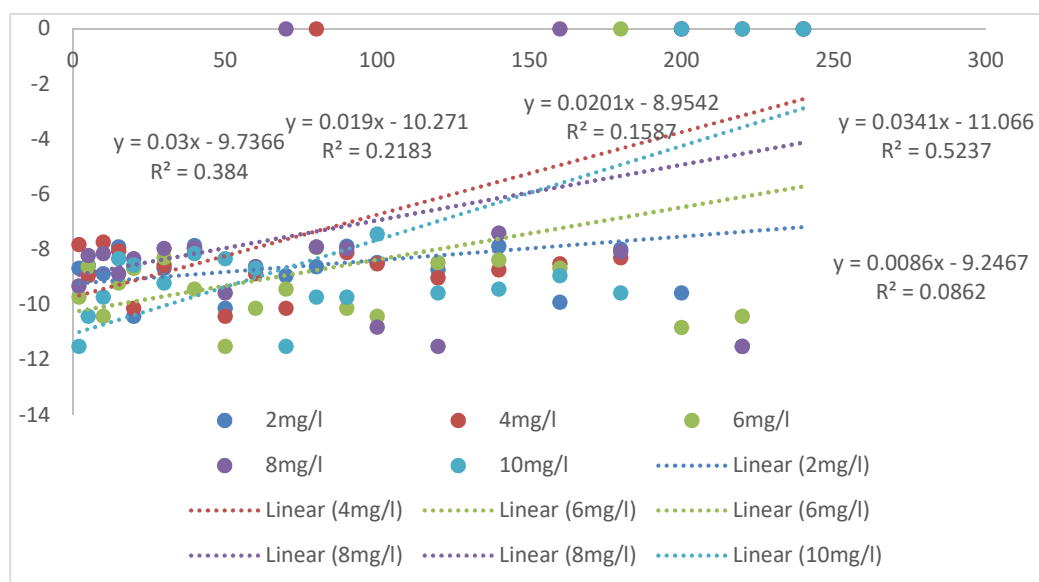
DR isotherm adsorption of 2, 6-DCPIP at 303K



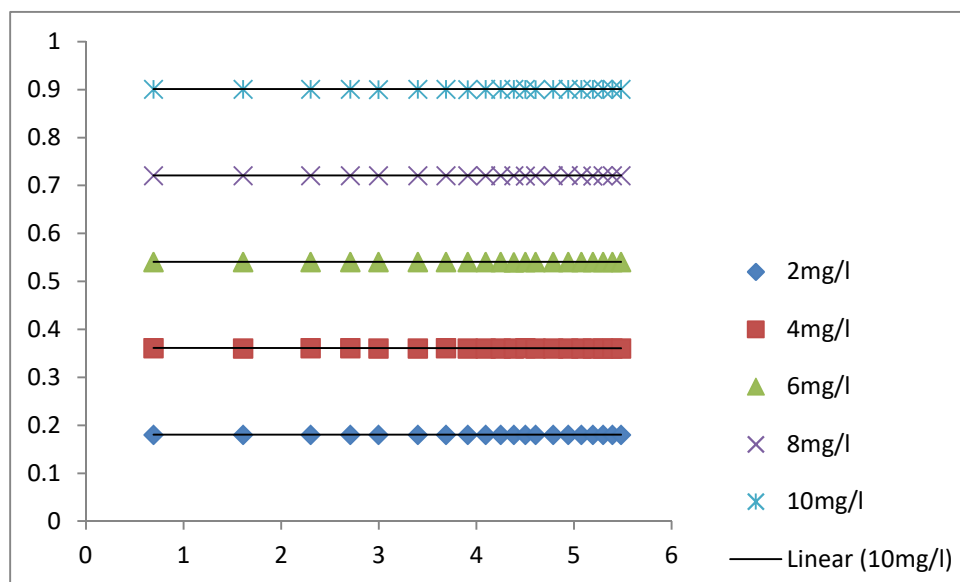
DR isotherm adsorption of 2, 6-DCPIP at 313K



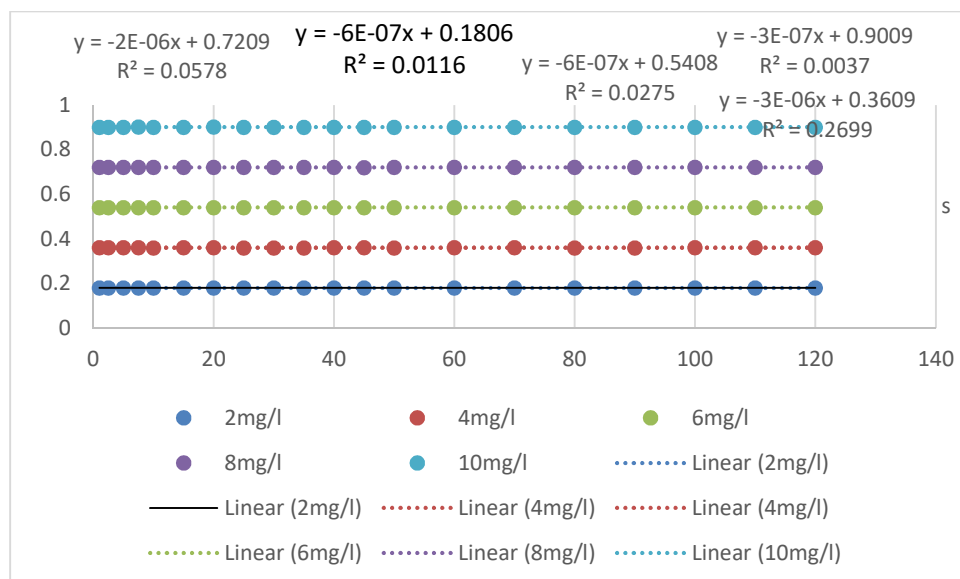
DR isotherm adsorption of 2, 6-DCPIP at 323K



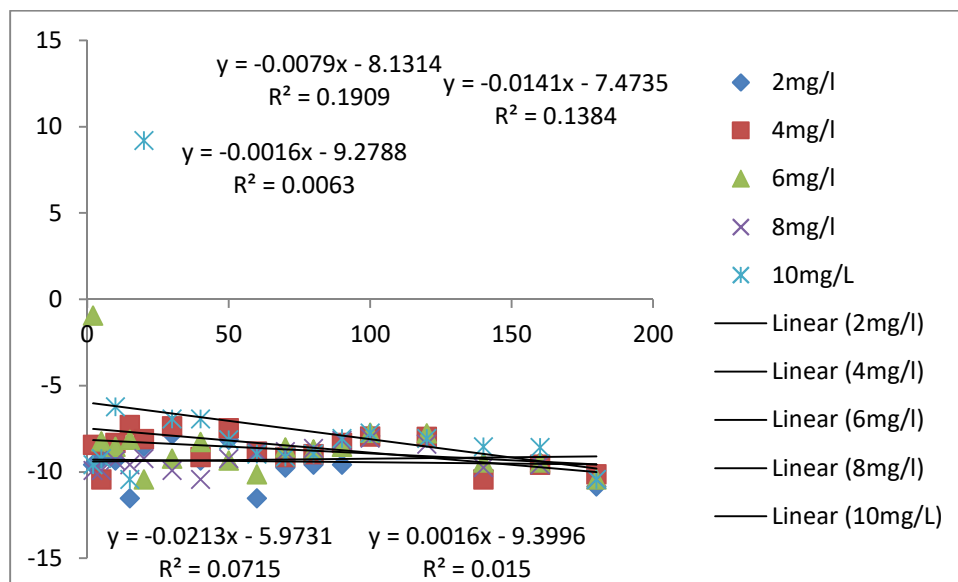
Plot of Pseudo-first-order model for 2, 6-DCPIP at 303K



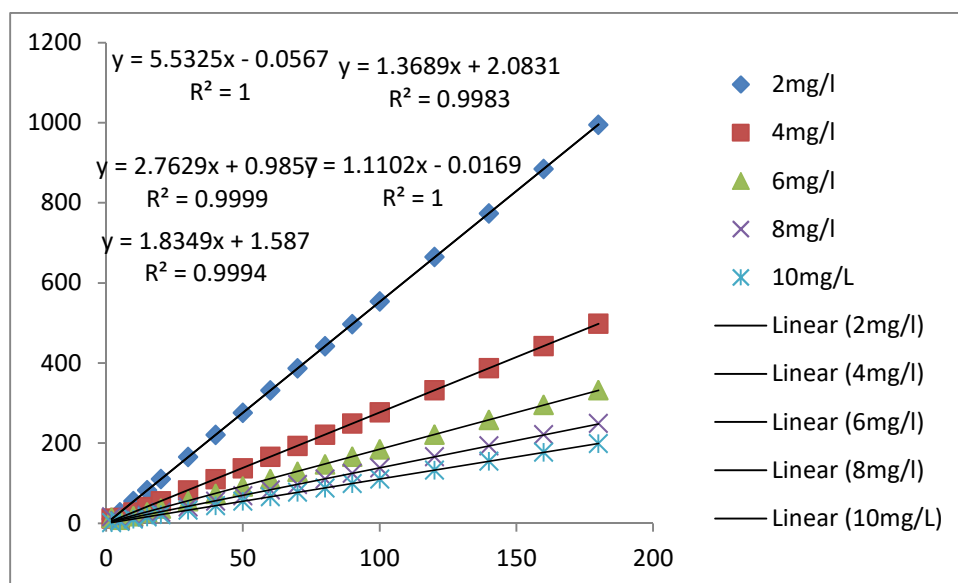
Plot of Elovich model for 2, 6-DCPIP at 303K



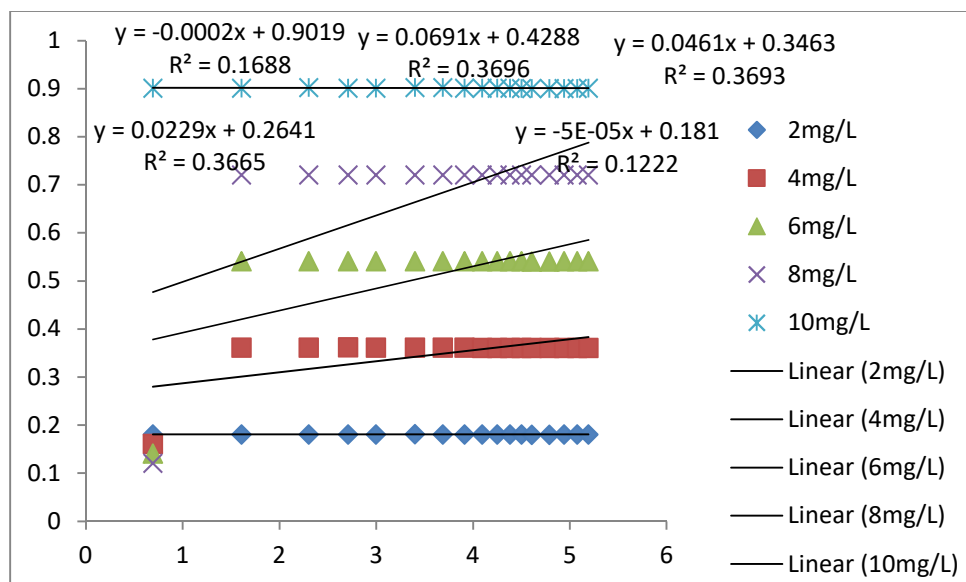
Plot of intraparticle model for 2, 6-DCPIP at 303K



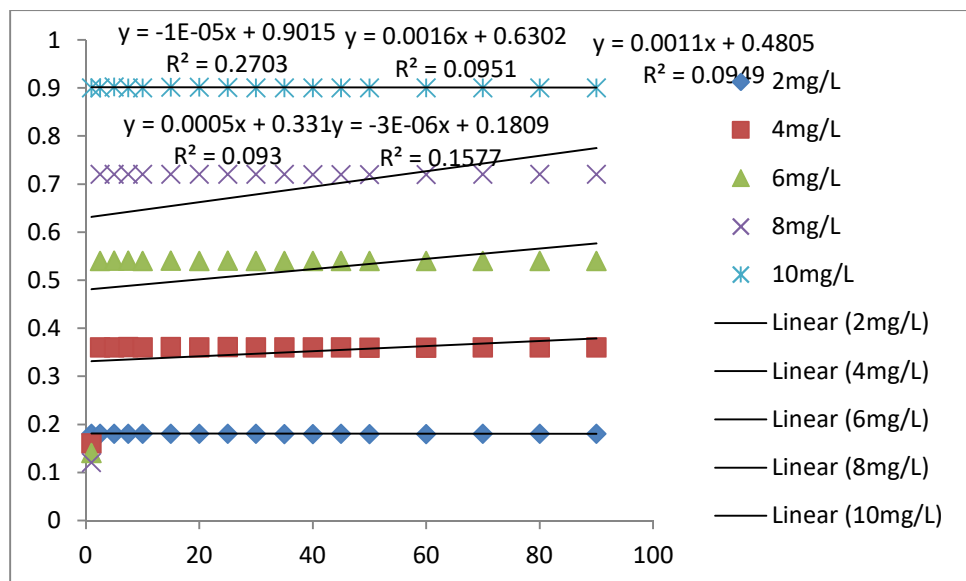
Plot of Pseudo-first-order model for 2, 6-DCPIP at 313K



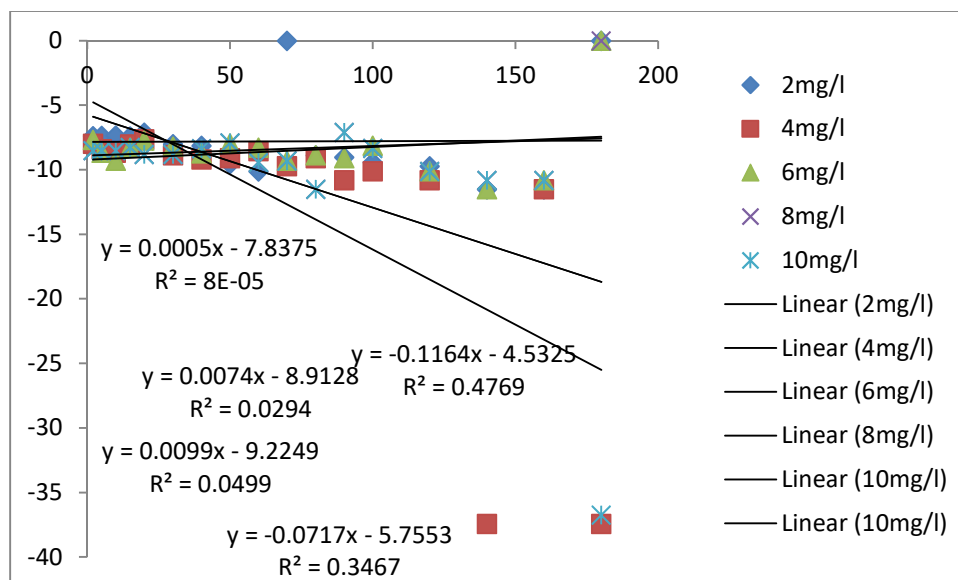
Plot of Pseudo-first-second model for 2, 6-DCPIP at 313K



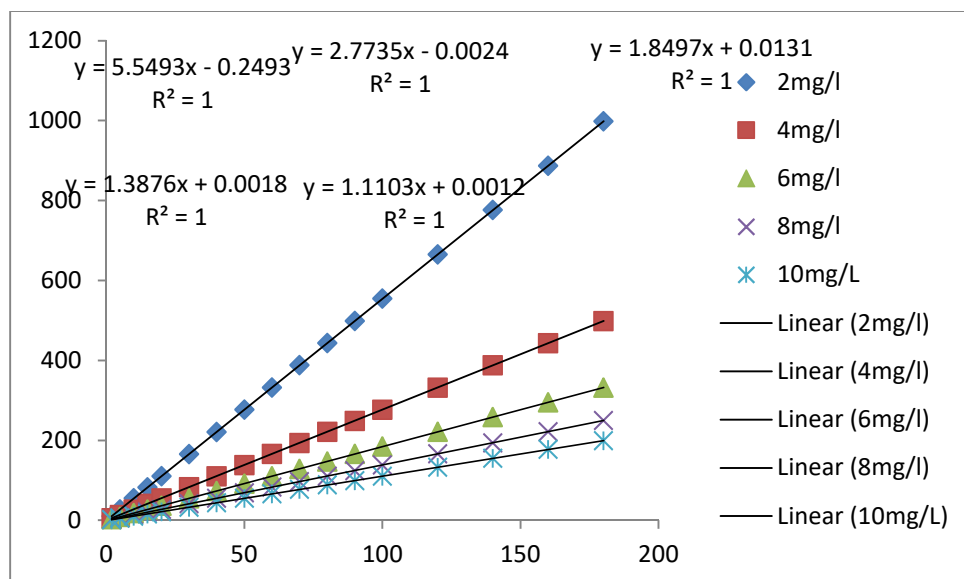
Plot of elovich model for 2, 6-DCPIP at 313K



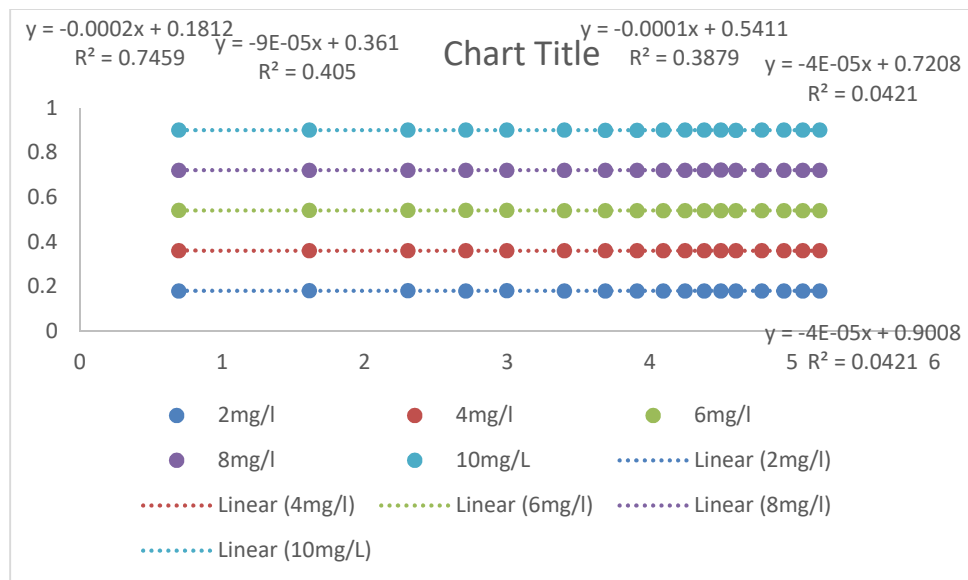
Plot of intraparticle model for 2, 6-DCPIP at 313K



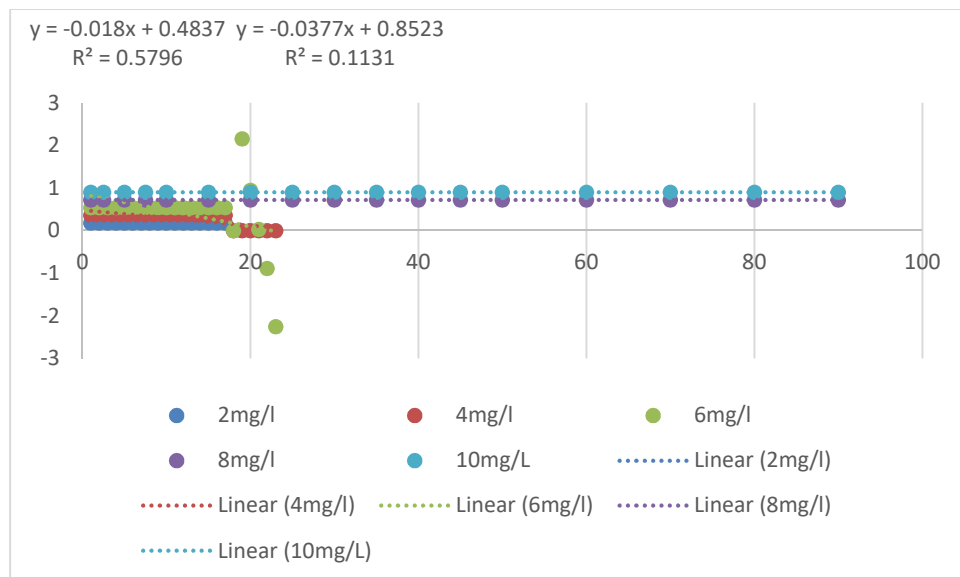
Plot of pseudo-first-order model for 2, 6-DCPIP at 323K



Plot of pseudo-second-order model for 2, 6-DCPIP at 323K



Plot of elovich model for 2, 6-DCPIP at 323K



Plot of intraparticle model for 2, 6-DCPIP at 323K