

Table 1 Results of the application of Freundlich and Langmuir isotherms on the system studied

Ion	Temp. (°C)	n	Kf	R2	Qm (mg/g)	b(L/g)	R2
Cu(II)	10.0	4.43	1.99	0.848	3.31	3.39	0.999
	25.0	4.50	2.25	0.814	3.49	5.55	0.999
	37.5	3.94	2.81	0.747	4.06	6.42	0.999
	50.0	4.44	3.11	0.665	4.05	12.22	0.999
Pb(II)	10.0	2.79	3.89	0.956	23.18	0.08	0.998
	25.0	3.00	4.86	0.971	24.38	0.11	0.998
	37.5	3.13	5.76	0.943	24.97	0.18	0.999
	50.0	3.31	7.17	0.917	26.68	0.27	0.999