

Table A.6 Inhibition activity of Fe²⁺ chelating assay of MeOH extract

Rep.	Control		Absorbance of Sample (mg/mL)									
			0.5		2		3.5		5		6.5	
	A ₀₁	A ₀₂	A ₁	A ₂	A ₁	A ₂	A ₁	A ₂	A ₁	A ₂	A ₁	A ₂
I	0.5353	0.0153	0.6393	0.1144	0.8782	0.4501	1.0209	0.7434	1.1091	0.9314	1.1523	1.0708
II	0.5542	0.0011	0.6549	0.1167	0.8713	0.4466	1.0251	0.7384	1.1027	0.9246	1.1540	1.0634
III	0.5498	-	0.6036	0.1153	0.8734	0.4459	1.0185	0.7351	1.0967	0.9256	1.1369	1.0773
Average	0.5464	0.0082	0.6326	0.1155	0.8743	0.4475	1.0215	0.7390	1.1028	0.9272	1.1477	1.0705
% Inhibition			3.92		20.71		47.51		67.37		85.65	

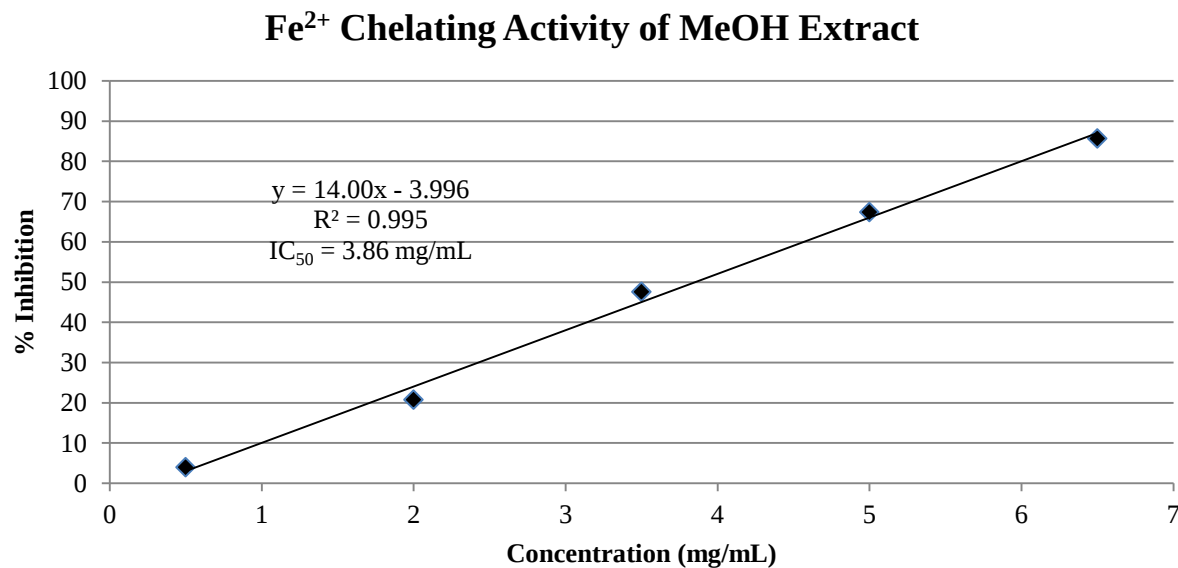


Figure A.6 Fe²⁺ chelating activity graph of MeOH extract

Table A.7 Inhibition activity of Fe²⁺ chelating assay of EtOAc extract

Rep.	Control		Absorbance of Sample (mg/mL)									
			0.25		0.5		1		2		4	
	A ₀₁	A ₀₂	A ₁	A ₂	A ₁	A ₂	A ₁	A ₂	A ₁	A ₂	A ₁	A ₂
I	0.2220	-0.0050	0.2336	0.0168	0.2579	0.0524	0.3017	0.1289	0.4076	0.2825	0.7746	0.6571
II	0.2266	-0.0080	0.2424	0.0181	0.2571	0.0519	0.3072	0.1202	0.3927	0.2735	0.7688	0.6727
III	0.2258	-0.0080	0.2421	0.0152	0.2556	0.0539	0.3089	0.1248	0.4021	0.2722	0.7765	0.6662
Average	0.2248	-0.0070	0.2394	0.0167	0.2568	0.0527	0.3059	0.1246	0.4008	0.2761	0.7733	0.6653
% Inhibition			3.94		11.98		21.79		46.19		53.42	

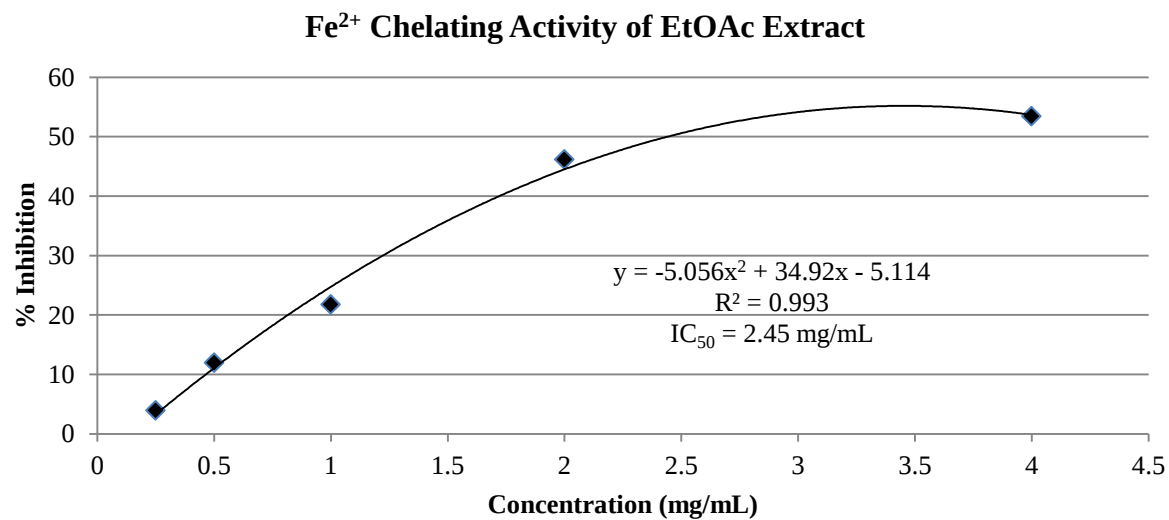


Figure A.7 Fe²⁺ chelating activity graph of EtOAc extract

Table A.8 Inhibition activity of Fe²⁺ chelating assay of hexane extract

Rep.	Control		Absorbance of Sample (mg/mL)									
			0.25		0.5		1		2		4	
	A0 ₁	A0 ₂	A ₁	A ₂	A ₁	A ₂	A ₁	A ₂	A ₁	A ₂	A ₁	A ₂
I	0.5122	0.0033	0.6434	0.1919	0.7490	0.3702	0.9047	0.6856	1.0154	0.9779	1.0406	1.0409
II	0.5114	0.0008	0.6410	0.1908	0.7504	0.3706	0.9041	0.6820	1.0151	0.9781	1.0498	1.0502
III	0.5119	0.0022	0.6471	0.1883	0.7554	0.3797	0.9069	-	1.0233	0.9765	1.0496	1.0595
Average	0.5118	0.0021	0.6438	0.1903	0.7516	0.3735	0.9052	0.6838	1.0179	0.9775	1.0467	1.0502
% Inhibition			11.03		25.82		56.56		92.07		99.31	

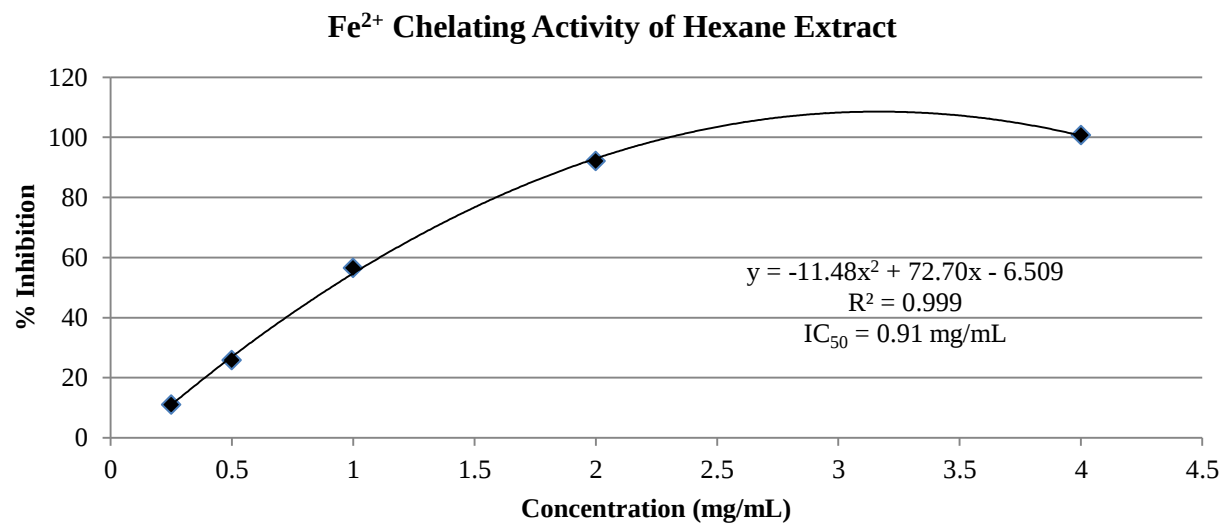


Figure A.8 Fe²⁺ chelating activity graph of hexane extract

Table A.9 Inhibition activity of Fe²⁺ chelating assay of EDTA

Rep.	Control		Absorbance of Sample (mg/mL)									
			0.01		0.02		0.03		0.04		0.05	
	A ₀₁	A ₀₂	A ₁	A ₂	A ₁	A ₂	A ₁	A ₂	A ₁	A ₂	A ₁	A ₂
I	0.5073	-0.0080	0.4815	-0.0060	0.3906	-0.0050	0.2325	-0.0080	0.0246	-0.0070	-0.0050	-0.0070
II	0.4933	-0.0070	0.4833	-0.0070	0.3846	-0.0070	0.2298	-0.0070	0.0333	-0.0080	-0.0060	-0.0080
III	0.5242	-0.0060	0.4875	-0.0070	0.3791	-0.0060	0.2252	-0.0070	0.0324	-0.0080	-0.0060	-0.0090
Average	0.5083	-0.0070	0.4841	-0.0067	0.3848	-0.0060	0.2292	-0.0073	0.0301	-0.0077	-0.0057	-0.0080
% Inhibition			4.75		24.16		54.10		92.66		99.55	

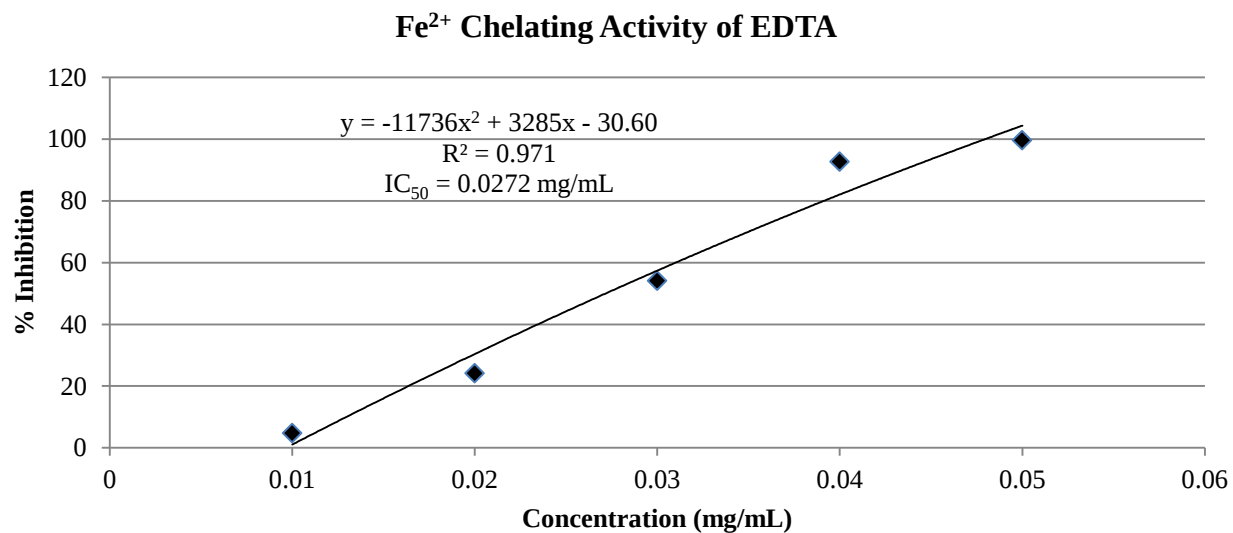


Figure A.9 Fe²⁺ chelating activity graph of EDTA