

Table (5-2): The nonparametric correlations (Spearman's rho) between (9) isolates for the effect of Fe^{+3} on the growth.

	I	II	III	IV	V	VI	VII	VIII	IX
I	1.000	0.982**	0.933**	0.998**	0.982**	0.977**	0.991**	0.998**	0.997**
II	0.982**	1.000	0.989**	0.989**	0.989**	0.986**	0.982**	0.989**	0.998**
III	0.993**	0.989**	1.000	0.995**	0.986**	0.975**	0.982**	0.995**	0.984**
IV	0.998**	0.989**	0.995**	1.000	0.986**	0.975**	0.993**	1.000**	0.986**
V	0.982**	0.989**	0.986**	0.986**	1.000	0.968**	0.982**	0.975**	0.984**
VI	0.977**	0.986**	0.975**	0.975**	0.968**	1.000	0.967**	0.993**	0.979**
VII	0.991**	0.982**	0.982**	0.993**	0.982**	0.967**	1.000	0.993**	0.986**
VIII	0.998**	0.989**	0.995**	1.000**	0.986**	0.975**	0.993**	1.000	0.986**
IX	0.979**	0.998**	0.984**	0.986**	0.986**	0.984**	0.979**	0.986**	1.000

** Correlation is significant at the 0.01 levels.

Table (6): Pb⁺² Uptake by the (9) bacterial isolates using lead concentration of 50 ppm.

Isolate	I	II	III	IV	V	VI	VII	VIII	IX
Amount of lead absorbed (mg)	40	12	72	77	15	8	14	64	5
%	40.16	12.05	71.6	77.3	15.1	8.03	14.1	64.3	5.02
Pb/gm dry cells	0.070	0.008	0.050	0.090	0.012	0.005	0.012	0.041	0.006
S. D.	19.15	5.96	20.67	18.05	7.44	3.97	6.94	26.80	2.47
C. D.	89.08	98.83	98.84	96.01	98.67	98.75	98.57	98.74	57.89
t value	1.77	1.75	2.04	1.80	1.76	1.75	1.76	1.75	1.77

Control % = 99,6

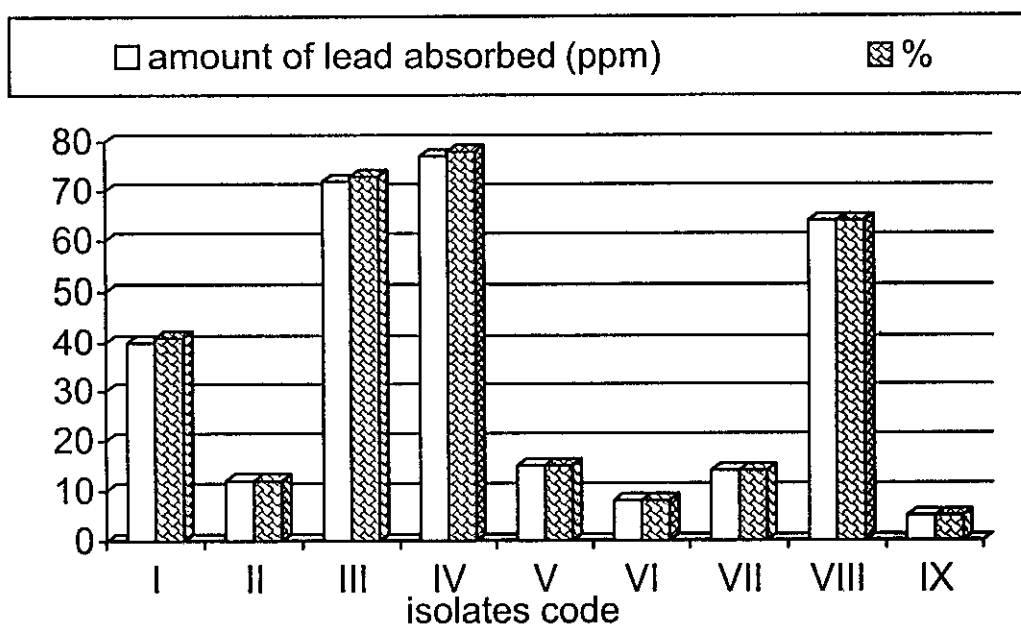


Fig. (3): Pb⁺² Uptake by the (9) bacterial isolates using lead concentration of 50 ppm.

Table (7): Fe^{+3} Uptake by the (9) bacterial isolates using iron concentration of 50 ppm.

Isolate	I	II	III	IV	V	VI	VII	VIII	IX
Amount of iron absorbed(mg)	71.8	22	68	64	8	14	7	71.8	54.4
%	72.97	22.36	69.11	65.04	8.13	14.23	7.11	71.97	55.28
Fe/mg dry cells	0.050	0.014	0.051	0.045	0.006	0.010	0.005	0.052	0.040
S. D.	35.7	10.9	33.7	31.8	4.0	7.0	3.5	35.6	27.5
C.D.	98.89	99.09	98.82	99.06	100	100	100	97.26	99.63
t value	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7

Control % = 49.2

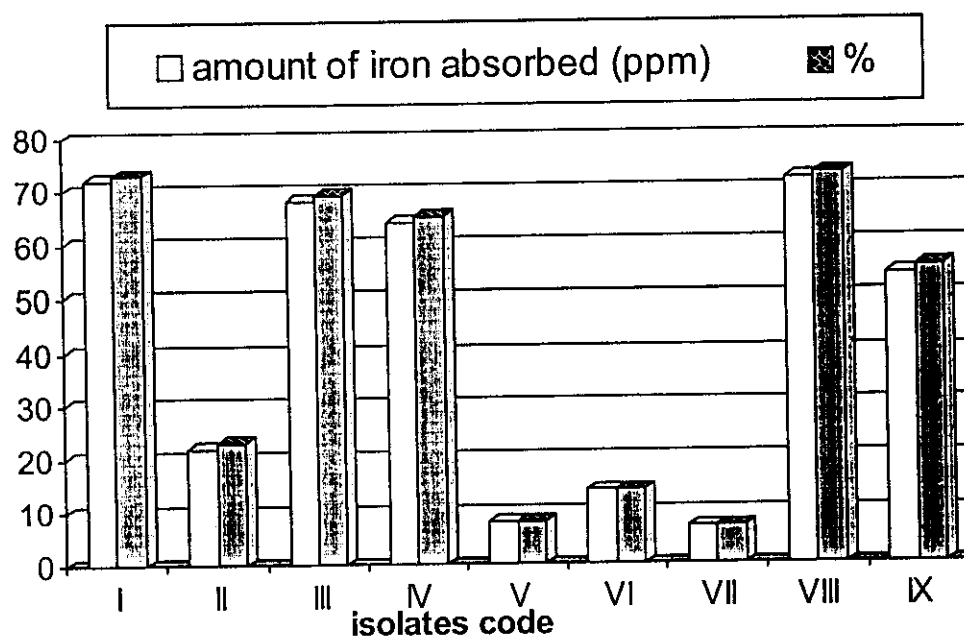


Fig. (4): Fe^{+3} Uptake by the (9) bacterial isolates using iron concentration of 50 ppm.