NOTEBOOK NO. 112
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ON April 24 20 08
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Project No. _____

TITLE _____ Book No. _____

From Page No. 32 NB 108

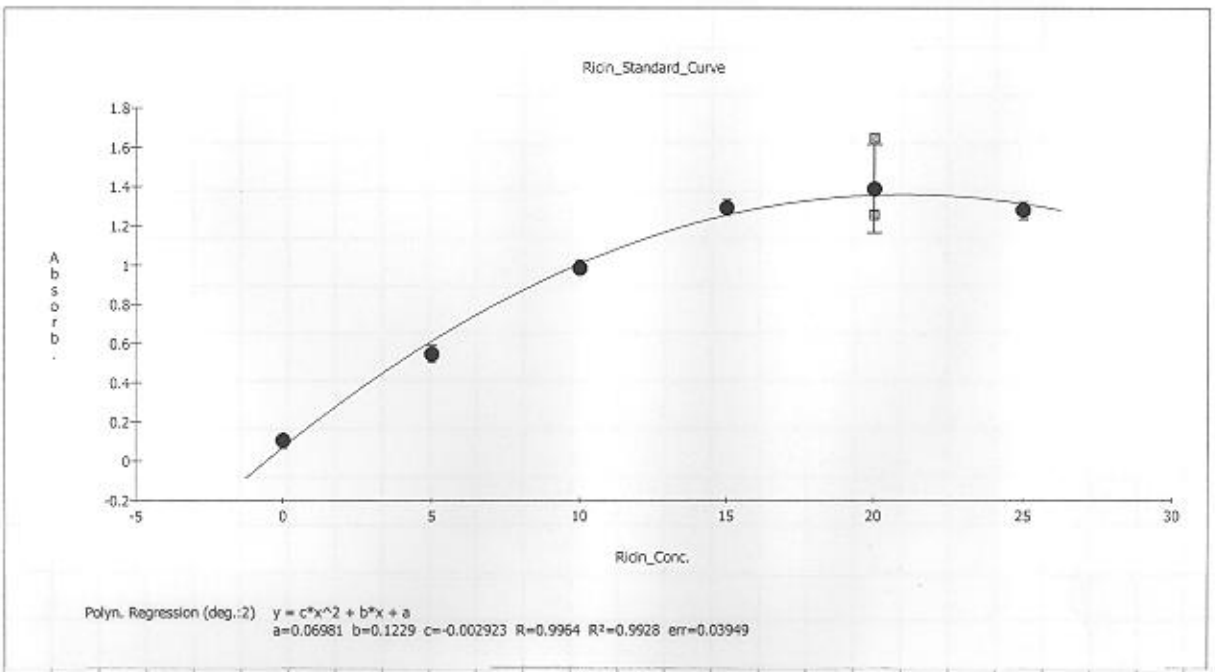
Experiment No. 40 (2)

pH 7.5 75°C 0~40min 2ppm 2nd plate

M 405

	1	2	3	4	5	6	7	8	9	10	11	12
A	0.090	0.119	0.119	0.572	0.530	0.543	0.983	0.972	1.007	1.279	1.315	1.288
B												
C	1.652	1.264	1.259	1.294	1.304	1.258	0.741	0.719	0.717	0.624	0.672	0.738
D												
E	0.564	0.498	0.531	0.757	0.734	0.696	0.450	0.467	0.486	0.392	0.409	0.456
F												
G	0.349	0.302	0.304	0.204	0.179	0.193	0.353	0.360	0.379	0.414	0.445	0.515
H												

STANDARD CURVE



Polyn. Regression (deg.:2) y = c*x^2 + b*x + a
a=0.06981 b=0.1229 c=-0.002923 R=0.9964 R²=0.9928 err=0.03949

To Page No. _____

Witnessed & Understood by me,	Date	Invented by:	Date
	04/09/08	Recorded by:	

Project No. _____

Book No. _____ TITLE _____

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STATISTICS - Concentrations x Dil.

Well ID	Name	Conc\Dil	Well	Concentr.	Concentr. x Dil.	Nb	Mean	Std Dev	CV (%)
SPL1	0	100.00	C7	6.4526	645.26	3	627.41	15.495	2.4697
			C8	6.1964	619.64				
			C9	6.1734	617.34				
SPL2	1	100.00	C10	5.1380	513.80	3	573.97	64.309	11.204
			C11	5.6636	566.36				
			C12	6.4174	641.74				
SPL3	2	100.00	E1	4.5044	450.44	3	416.83	33.502	8.0374
			E2	3.8344	383.44				
			E3	4.1660	416.60				
SPL4	4	50.000	E4	6.6416	332.08	3	315.76	17.870	5.6593
			E5	6.3705	318.53				
			E6	5.9333	296.66				
SPL5	7	50.000	E7	3.3631	168.16	3	173.51	4.6422	2.6755
			E8	3.5286	176.43				
			E9	3.5188	175.94				
SPL6	10	50.000	E10	2.8099	140.49	3	153.36	15.850	10.336
			E11	2.9703	148.51				
			E12	3.4213	171.06				
SPL7	15	50.000	G1	2.4103	120.52	3	106.58	12.079	11.333
			G2	1.9832	99.161				
			G3	2.0012	100.06				
SPL8	20	50.000	G4	1.1220	56.102	3	50.969	5.3555	10.507
			G5	0.9083	45.416				
			G6	1.0278	51.388				
SPL9	30	10.000	G7	2.4471	24.471	3	25.490	1.2478	4.8955
			G8	2.5117	25.117				
			G9	2.6882	26.882				
SPL10	40	5.0000	G10	3.0177	15.088	3	17.228	2.5311	14.692
			G11	3.3146	16.573				
			G12	4.0044	20.022				

To Page No. ____

Witnessed & Understood by me,	Date 04/09/08	Invented by:	Date
		Recorded by:	

TITLE ELISA Ricin pH 7.5 Project No. Book No.

From Page No.

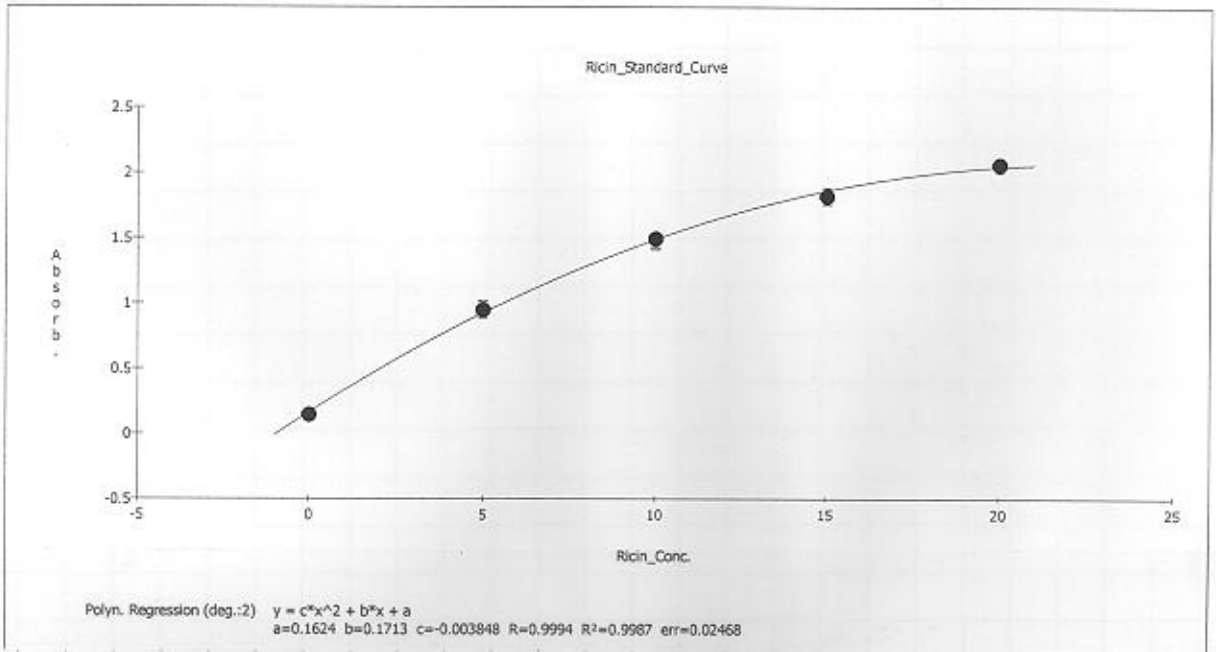
Experiment No. 41

pH 7.5 75°C 0~40min 2ppm 1st plate

M 405

	1	2	3	4	5	6	7	8	9	10	11	12
A	0.149	0.145	0.146	0.942	0.924	0.988	1.453	1.522	1.522	1.657	1.797	1.826
B												
C	2.067	2.092	2.045	0.104	0.112	0.108	0.097	0.103	0.093	0.092	0.095	0.110
D												
E	0.109	0.092	0.098	0.087	0.093	0.087	0.080	0.082	0.084	0.078	0.082	0.094
F												
G	0.080	0.077	0.074	0.081	0.079	0.082	0.080	0.078	0.080	0.081	0.090	0.083
H												

STANDARD CURVE



Results undetectable.

To Page No.

Witnessed & Understood by me,	Date 04/16/08	Invented by:	Date
		Recorded by:	

Project No. ____________

Book No. ____________ TITLE ____________

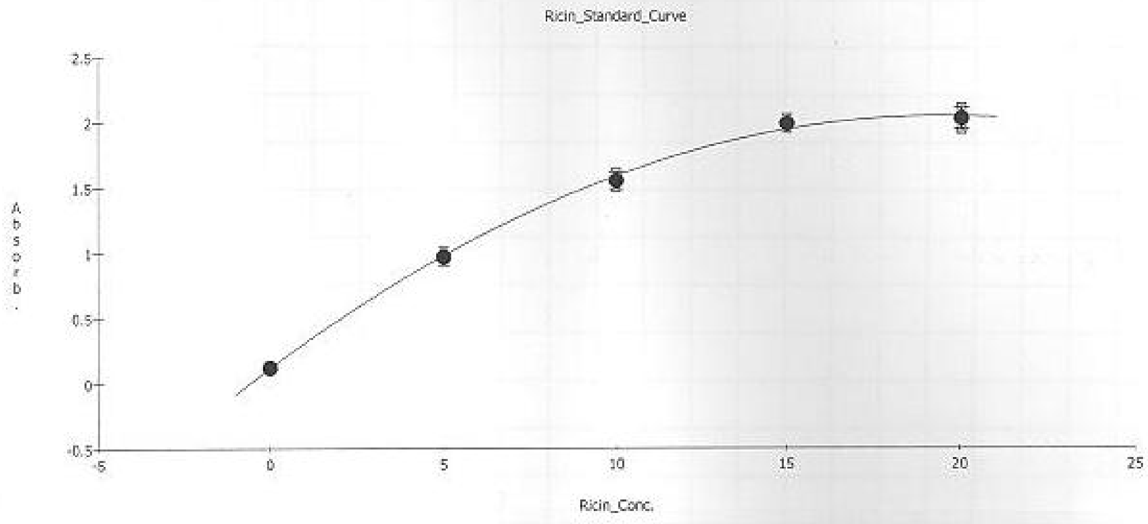
From Page No. ____

pH 7.5 75°C 0~40min 2nd plate

M 405

	1	2	3	4	5	6	7	8	9	10	11	12
A	0.121	0.116	0.130	0.932	0.975	1.012	1.620	1.500	1.546	1.957	1.987	2.032
B												
C	2.116	2.035	1.950	0.100	0.107	0.105	0.079	0.094	0.098	0.096	0.096	0.114
D												
E	0.104	0.096	0.099	0.091	0.094	0.087	0.084	0.083	0.082	0.081	0.083	0.083
F												
G	0.088	0.082	0.082	0.079	0.080	0.076	0.083	0.085	0.084	0.083	0.091	0.106
H												

STANDARD CURVE



Polyn. Regression (deg.:2) $y = c*x^2 + b*x + a$
a=0.1150 b=0.1976 c=-0.005039 R=0.9993 R^2=0.9986 err=0.02676

Ricin undetectable.

To Page No. ____

Witnessed & Understood by me,	Date	Invented by:	Date
	04/16/08	Recorded by: [signature]	

TLE ELISA Ricin pH8.5 Project No. _____

om Page No. ____ Book No. _____

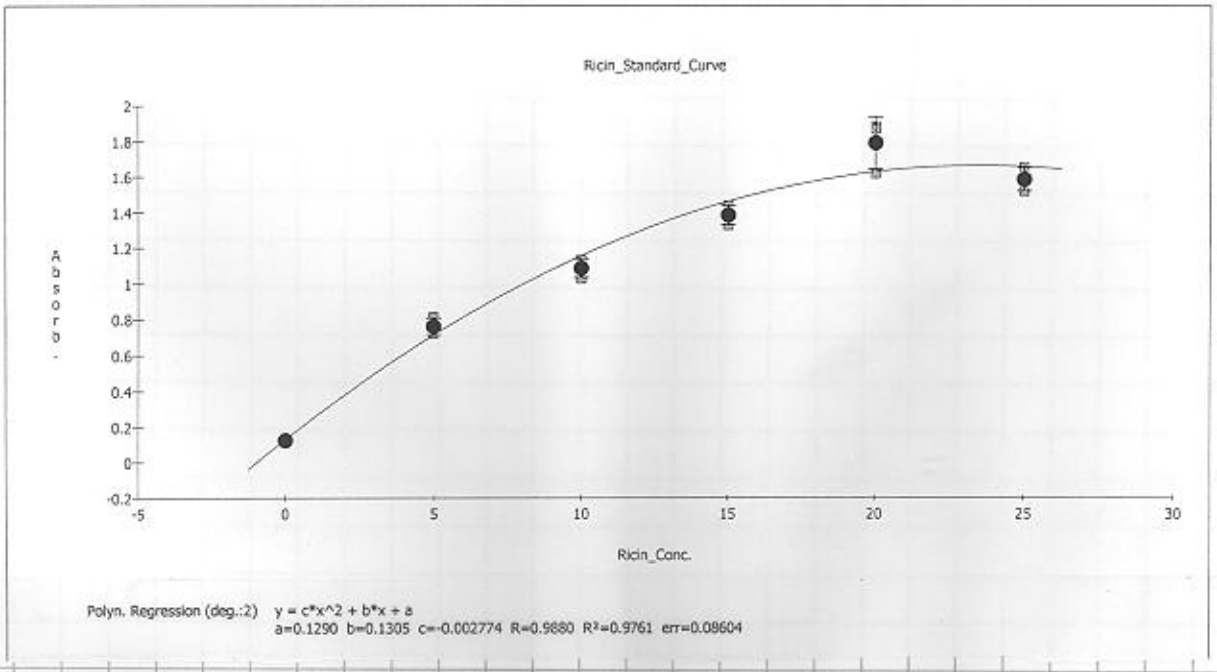
Experiment 42

pH7.5 35°C 0~40min 1st plate 2ppm

M 405

	1	2	3	4	5	6	7	8	9	10	11	12
A	0.139	0.126	0.114	0.748	0.815	0.725	1.134	1.103	1.032	1.330	1.386	1.443
B												
C	1.885	1.873	1.622	1.655	1.523	1.589	1.369	1.379	1.545	1.030	1.064	1.145
D												
E	1.600	1.495	1.467	0.957	0.951	0.957	0.703	0.729	0.686	0.595	0.627	0.697
F												
G	0.566	0.555	0.523	0.385	0.355	0.338	1.332	1.138	1.109	0.464	0.530	0.527
H												

STANDARD CURVE



Polyn. Regression (deg.:2) y = c*x^2 + b*x + a
a=0.1290 b=0.1305 c=-0.002774 R=0.9880 R²=0.9761 err=0.08604

To Page No. ____

Witnessed & Understood by me,	Date . 04/16/08	Invented by:	Date
		Recorded by:	

Project No. _____

Book No. _____ TITLE _____

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STATISTICS - Concentrations x Dil.

Well ID	Name	Conc\Dil	Well	Concentr.	Concentr. x Dil.	Nb	Mean	Std Dev	CV (%)
SPL1	0	20.000	C7	13.213	264.26	3	290.53	42.481	14.622
			C8	13.389	267.79				
			C9	16.977	339.54				
SPL2	1	20.000	C10	8.4066	168.13	3	180.47	14.835	8.2199
			C11	8.8176	176.35				
			C12	9.8465	196.93				
SPL3	2	10.000	E1	18.725	187.25	3	165.15	19.391	11.742
			E2	15.721	157.21				
			E3	15.099	150.99				
SPL4	4	10.000	E4	7.5599	75.599	3	75.374	0.3903	0.5178
			E5	7.4923	74.923				
			E6	7.5599	75.599				
SPL5	7	10.000	E7	4.9115	49.115	3	49.414	2.1033	4.2565
			E8	5.1650	51.650				
			E9	4.7476	47.476				
SPL6	10	10.000	E10	3.8933	38.933	3	43.121	4.9165	11.402
			E11	4.1894	41.894				
			E12	4.8534	48.534				
SPL7	15	5.0000	G1	3.6288	18.144	3	17.335	1.0017	5.7782
			G2	3.5294	17.647				
			G3	3.2430	16.215				
SPL8	20	5.0000	G4	2.0514	10.257	3	9.1878	0.9903	10.779
			G5	1.8010	9.0048				
			G6	1.6603	8.3017				
SPL9	30	2.0000	G7	12.585	25.170	3	21.147	3.5050	16.575
			G8	9.7546	19.509				
			G9	9.3799	18.760				
SPL10	40	2.0000	G10	2.7252	5.4503	3	6.2059	0.6549	10.553
			G11	3.3052	6.6104				
			G12	3.2785	6.5571				

PH8.5 75°C 0~40 min 2ppm 2nd plate

M 405

	1	2	3	4	5	6	7	8	9	10	11	12
A	0.141	0.123	0.122	0.793	0.755	0.831	1.219	1.234	1.204	1.498	1.435	1.535
B												
C	1.650	1.508	1.436	1.609	1.488	1.627	1.479	1.575	1.577	1.236	1.256	1.293
D												
E	1.497	1.224	1.249	0.877	0.914	0.860	0.634	0.667	0.669	0.600	0.638	0.665
F												
G	0.572	0.552	0.542	0.343	0.359	0.332	1.105	1.102	1.111	0.499	0.511	0.579
H												

To Page No. ____

Witnessed & Understood by me, | Date 04/06/08 | Invented by: | Date

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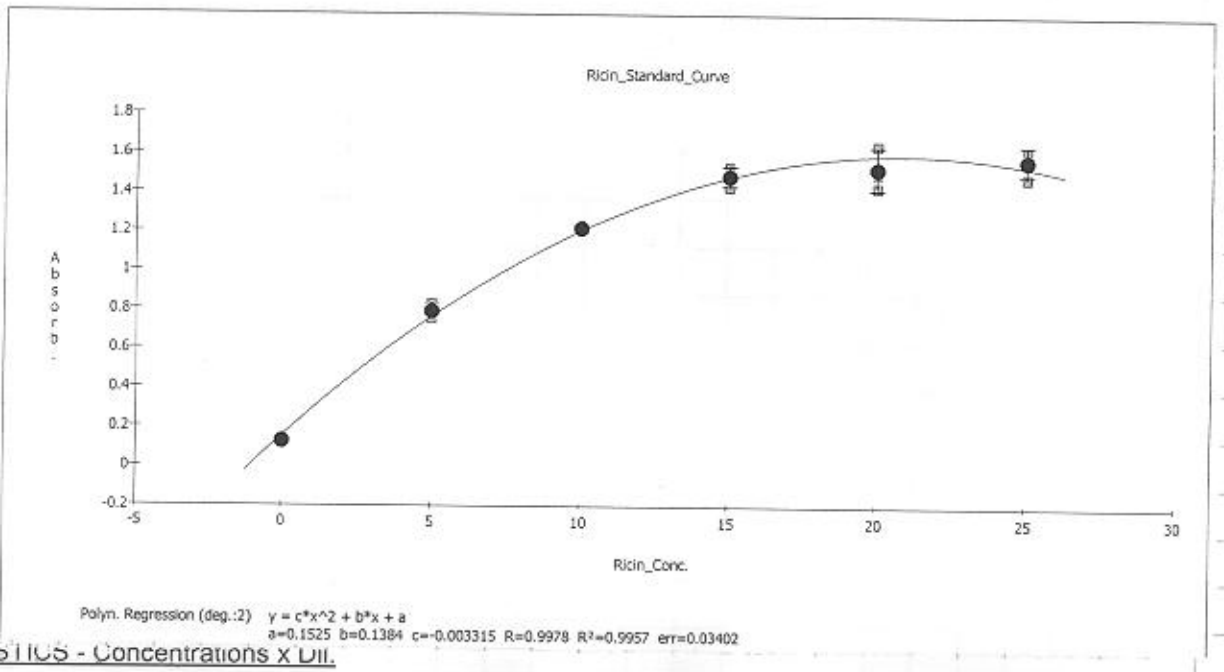
TITLE _____ Project No. _____

Book No. _____

From Page No. ____

STANDARD CURVE



Polyn. Regression (deg.:2) $y = c*x^2 + b*x + a$
a=0.1525 b=0.1384 c=-0.003315 R=0.9978 R²=0.9957 err=0.03402

STATISTICS - Concentrations x Dil.

Well ID	Name	Conc\Dil	Well	Concentr.	Concentr. x Dil.	Nb	Mean	Std Dev	CV (%)
SPL1	0	20.000	C7	14.912	298.24	3	344.34	39.939	11.599
			C8	18.309	366.18				
			C9	18.429	368.59				
SPL2	1	20.000	C10	10.441	208.82	3	216.50	8.7372	4.0356
			C11	10.734	214.68				
			C12	11.300	226.01				
SPL3	2	10.000	E1	15.387	153.87	3	120.95	28.561	23.613
			E2	10.269	102.69				
			E3	10.630	106.30				
SPL4	4	10.000	E4	6.1380	61.380	3	62.082	2.8492	4.5895
			E5	6.5217	65.217				
			E6	5.9649	59.649				
SPL5	7	10.000	E7	3.8312	38.312	3	40.336	1.7549	4.3506
			E8	4.1258	41.258				
			E9	4.1437	41.437				
SPL6	10	10.000	E10	3.5329	35.329	3	38.960	3.7872	9.7206
			E11	3.8666	38.666				
			E12	4.2887	42.887				
SPL7	15	5.0000	G1	3.2910	16.455	3	15.745	0.6508	4.1333
			G2	3.1203	15.602				
			G3	3.0355	15.177				
SPL8	20	5.0000	G4	1.4256	7.1279	3	7.1934	0.5271	7.3275
			G5	1.5500	7.7502				
			G6	1.3404	6.7022				
SPL9	30	2.0000	G7	8.6932	17.386	3	17.411	0.1138	0.6533
			G8	8.6562	17.312				
			G9	8.7678	17.536				
SPL10	40	2.0000	G10	2.6756	5.3513	3	5.8681	0.7294	12.430
			G11	2.7753	5.5506				
			G12	3.3512	6.7024				

Witnessed & Understood by me, | Date 04/16/08 | Invented by: | Date

Recorded by:

Project No. _____

Book No. _____ TITLE ELISA Ricin pH 8.5

From Page No. ____

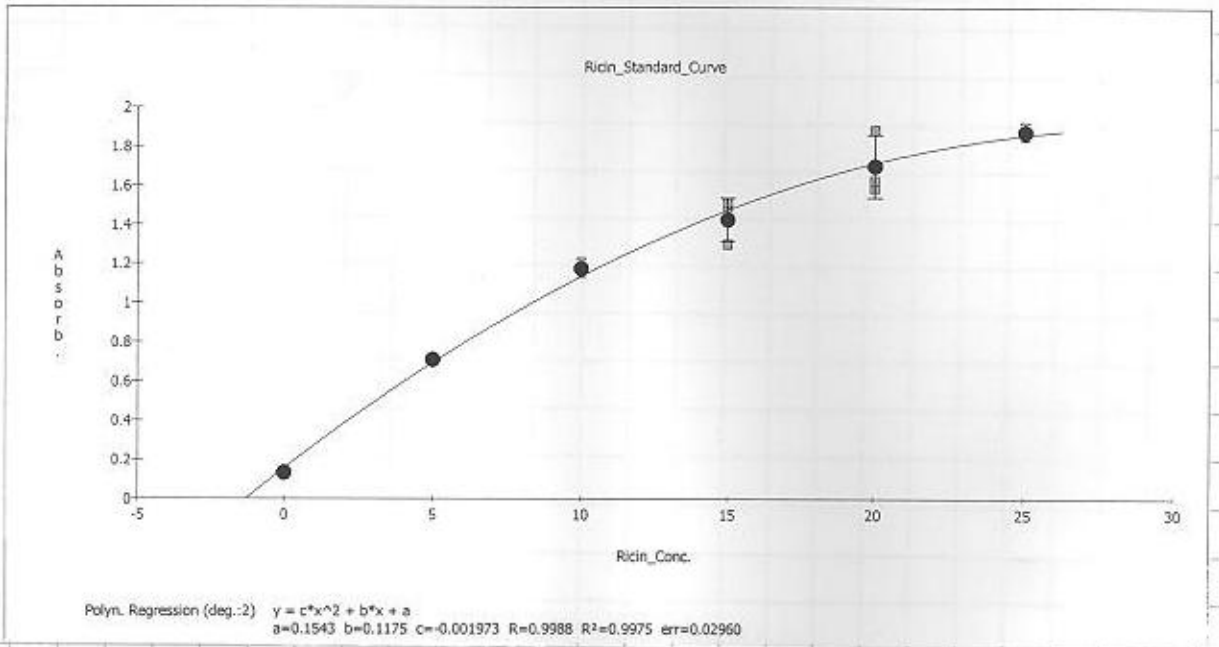
Experiment No. 43

pH 8.5 75°C 0~40 min 200m 1st plate

M 405

	1	2	3	4	5	6	7	8	9	10	11	12
A	0.148	0.130	0.125	0.719	0.700	0.718	1.154	1.207	1.164	1.514	1.302	1.466
B												
C	1.887	1.591	1.628	1.907	1.869	1.858	1.501	1.529	1.456	1.335	1.332	1.422
D												
E	1.835	1.841	1.707	1.407	1.357	1.336	0.876	0.879	0.876	0.636	0.653	0.693
F												
G	0.838	0.816	0.813	0.552	0.546	0.506	0.708	0.674	0.686	0.369	0.381	0.358
H												

STANDARD CURVE



Polyn. Regression (deg.:2) y = c*x^2 + b*x + a
a=0.1543 b=0.1175 c=-0.001973 R=0.9988 R²=0.9975 err=0.02960

To Page No. ____

Witnessed & Understood by me,	Date	Invented by:	Date
	04/17/08	Recorded by:	

STATISTICS - Concentrations x Dil.

Well ID	Name	Conc\Dil	Well	Concentr.	Concentr. x Dil.	Nb	Mean	Std Dev	CV (%)
SPL1	0	20.000	C7	15.477	309.55	3	307.74	12.899	4.1915
			C8	15.982	319.64				
			C9	14.702	294.04				
SPL2	1	20.000	C10	12.791	255.81	3	264.52	15.860	5.9957
			C11	12.746	254.92				
			C12	14.141	282.82				
SPL3	2	10.000	E1	23.826	238.26	3	225.60	24.216	10.734
			E2	24.086	240.86				
			E3	19.768	197.68				
SPL4	4	10.000	E4	13.900	139.00	3	132.76	5.6336	4.2436
			E5	13.122	131.22				
			E6	12.805	128.05				
SPL5	7	10.000	E7	6.9509	69.509	3	69.694	0.1697	0.2434
			E8	6.9842	69.842				
			E9	6.9731	69.731				
SPL6	10	10.000	E10	4.4272	44.272	3	46.761	2.9596	6.3292
			E11	4.5977	45.977				
			E12	5.0033	50.033				
SPL7	15	5.0000	G1	6.5113	32.556	3	31.780	0.6770	2.1303
			G2	6.2946	31.473				
			G3	6.2622	31.311				
SPL8	20	5.0000	G4	3.6013	18.007	3	17.174	1.1994	6.9838
			G5	3.5434	17.717				
			G6	3.1599	15.799				
SPL9	30	2.0000	G7	5.1572	10.314	3	9.9326	0.3525	3.5486
			G8	4.8098	9.6196				
			G9	4.9319	9.8637				
SPL10	40	2.0000	G10	1.8866	3.7732	3	3.7795	0.2091	5.5318
			G11	1.9958	3.9917				
			G12	1.7868	3.5736				

M 405

	1	2	3	4	5	6	7	8	9	10	11	12
A	0.130	0.111	0.114	0.618	0.557	0.656	1.024	1.008	1.081	1.209	1.425	1.359
B												
C	1.792	1.328	1.355	1.408	1.478	1.452	1.322	1.311	1.326	1.207	1.265	1.364
D												
E	1.780	1.630	1.644	1.119	1.147	1.202	0.762	0.738	0.753	0.602	0.658	0.653
F												
G	0.705	0.646	0.673	0.463	0.511	0.506	0.590	0.617	0.653	0.384	0.405	0.352
H												

PH8.5 75°C 0-40 min 2ppm 2nd plate

To Page No. ____

ssed & Understood by me,

Date 04/17/08

Invented by:

Recorded by:

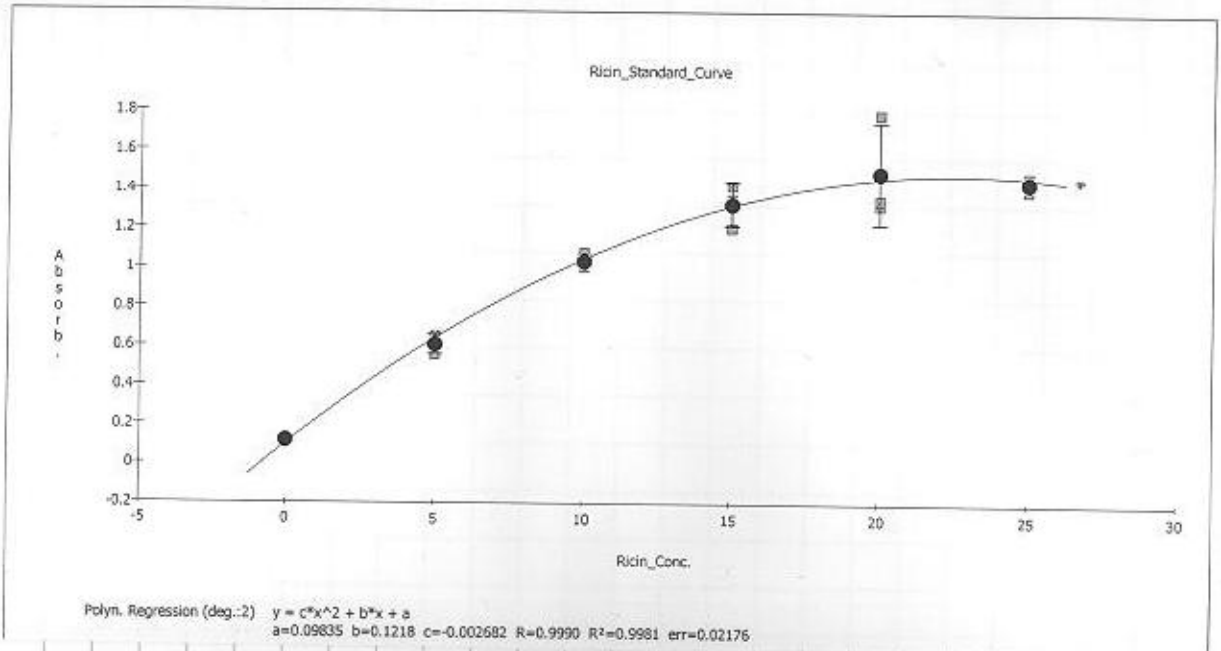
Date

Project No. _____

Book No. _____ TITLE _____

From Page

STANDARD CURVE



Polyn. Regression (deg.:2) $y = c*x^2 + b*x + a$
$a=0.09835$ $b=0.1218$ $c=-0.002682$ $R=0.9990$ $R^2=0.9981$ err=0.02176

STATISTICS - Concentrations x Dil.

Well ID	Name	Conc\Dil	Well	Concentr.	Concentr. x Dil.	Nb	Mean	Std Dev	CV (%)
SPL1	0	20.000	C7	15.014	300.28	3	299.18	3.7237	1.2446
			C8	14.752	295.03				
			C9	15.112	302.23				
SPL2	1	20.000	C10	12.603	252.06	3	283.01	35.800	12.650
			C11	13.738	274.75				
			C12	16.111	322.22				
SPL3	2	10.000	E1	*OUT*	*?????*	0			
			E2	*OUT*	*?????*				
			E3	*OUT*	*?????*				
SPL4	4	10.000	E4	11.091	110.91	3	117.18	7.2448	6.1829
			E5	11.550	115.50				
			E6	12.511	125.11				
SPL5	7	10.000	E7	6.3336	63.336	3	62.092	1.3693	2.2053
			E8	6.0625	60.625				
			E9	6.2314	62.314				
SPL6	10	10.000	E10	4.6028	46.028	3	49.760	3.2426	6.5166
			E11	5.1891	51.891				
			E12	5.1359	51.359				
SPL7	15	5.0000	G1	5.6968	28.484	3	26.847	1.5898	5.9216
			G2	5.0618	25.309				
			G3	5.3495	26.748				
SPL8	20	5.0000	G4	3.2236	16.118	3	17.586	1.2774	7.2639
			G5	3.6885	18.443				
			G6	3.6396	18.198				
SPL9	30	2.0000	G7	4.4796	8.9592	3	9.5824	0.6588	6.8756
			G8	4.7580	9.5160				
			G9	5.1359	10.272				
SPL10	40	2.0000	G10	2.4815	4.9629	3	4.8974	0.4908	10.022
			G11	2.6761	5.3522				
			G12	2.1886	4.3772				

Witnessed & Understood by me, _____ Date 04/17/08

Invented by: _____ Date

Recorded by: _____

TLE ELISA Ricin pH 3.5 Project No. _____ Book No. _____

m Page No. ____

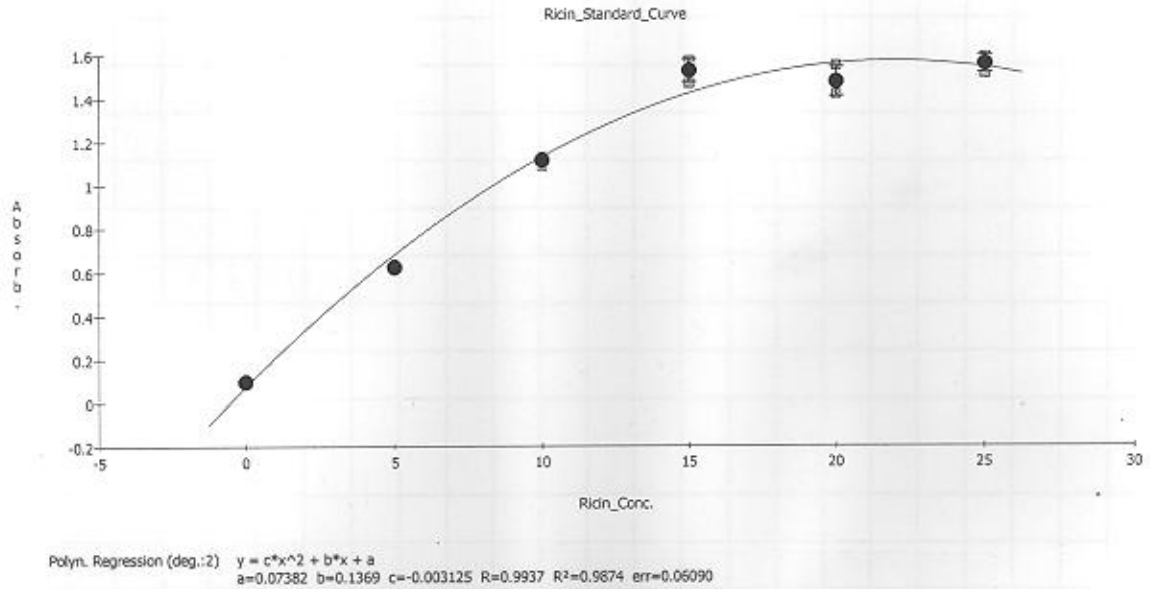
Experiment No. 44

pH 3.5 75°C on 40 min 2ppm 1st plate

M 405

	1	2	3	4	5	6	7	8	9	10	11	12
A	0.098	0.100	0.104	0.640	0.617	0.618	1.126	1.132	1.092	1.472	1.545	1.574
B												
C	1.554	1.424	1.463	1.517	1.578	1.594	1.602	1.808	1.642	1.595	1.688	2.049
D												
E	1.956	2.097	2.020	1.809	1.931	1.817	1.784	1.726	1.784	1.792	1.805	2.082
F												
G	2.282	2.084	2.227	2.055	2.032	1.942	2.087	1.954	2.090	1.823	2.051	2.243
H												

STANDARD CURVE



Polyn. Regression (deg.:2) y = c*x^2 + b*x + a
a=0.07382 b=0.1369 c=-0.003125 R=0.9937 R²=0.9874 err=0.06090

Out of detection

To Page No. ____

nessed & Understood by me, | Date 04/23/08 | Invented by: | Recorded by: | Date

Project No. _____

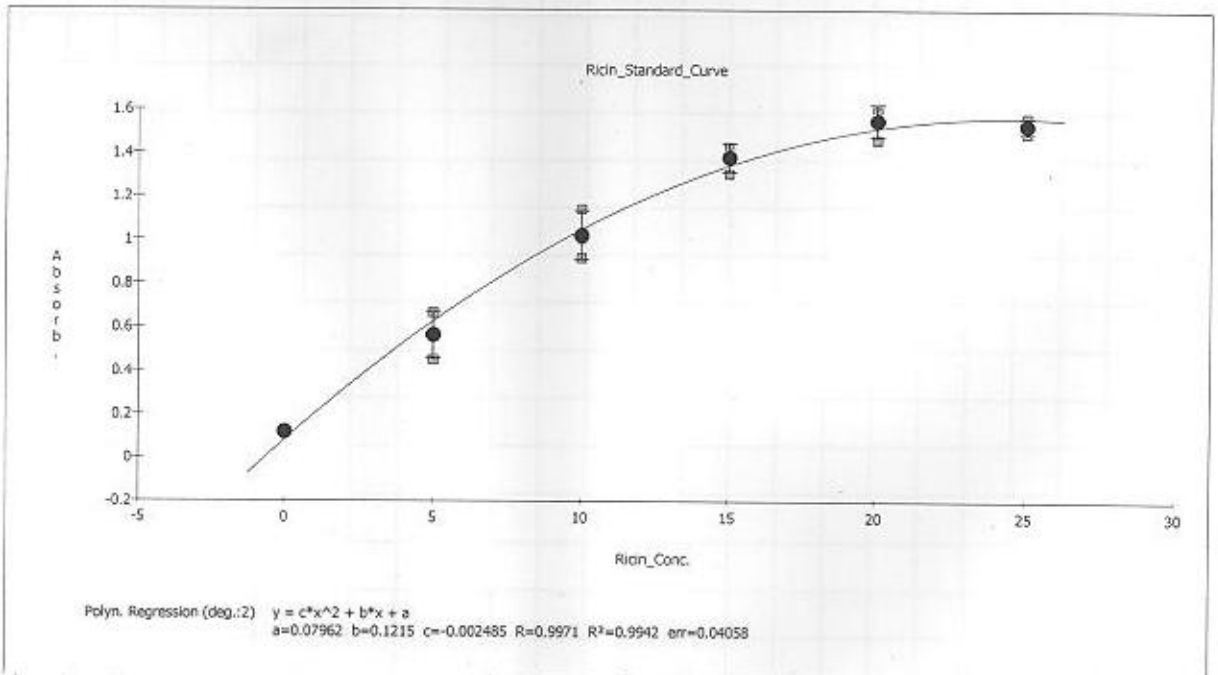
Book No. _____ TITLE _____

From Page No. ____ pH 3.5 75°C 0~40min 2ppm 2nd plate

M 405

	1	2	3	4	5	6	7	8	9	10	11	12
A	0.127	0.117	0.114	0.665	0.452	0.576	1.006	0.918	1.142	1.307	1.411	1.432
B												
C	1.598	1.599	1.466	1.497	1.532	1.570	1.603	1.594	1.675	1.808	1.815	1.990
D												
E	2.236	2.276	2.026	1.952	1.870	1.934	1.788	1.815	1.861	2.017	2.109	2.226
F												
G	2.336	2.369	2.175	2.032	2.097	1.919	2.081	2.250	2.311	2.231	2.321	2.414
H												

STANDARD CURVE



Polyn. Regression (deg.:2) y = c*x^2 + b*x + a
a=0.07962 b=0.1215 c=-0.002485 R=0.9971 R²=0.9942 err=0.04058

Out of detection.

To Page No. ____

Witnessed & Understood by me,	Date	Invented by:	Date
	04/23/08	Recorded by:	

TLE ELISA Ricin PH3.5 Project No. _____

om Page No. ____ Book No. _____

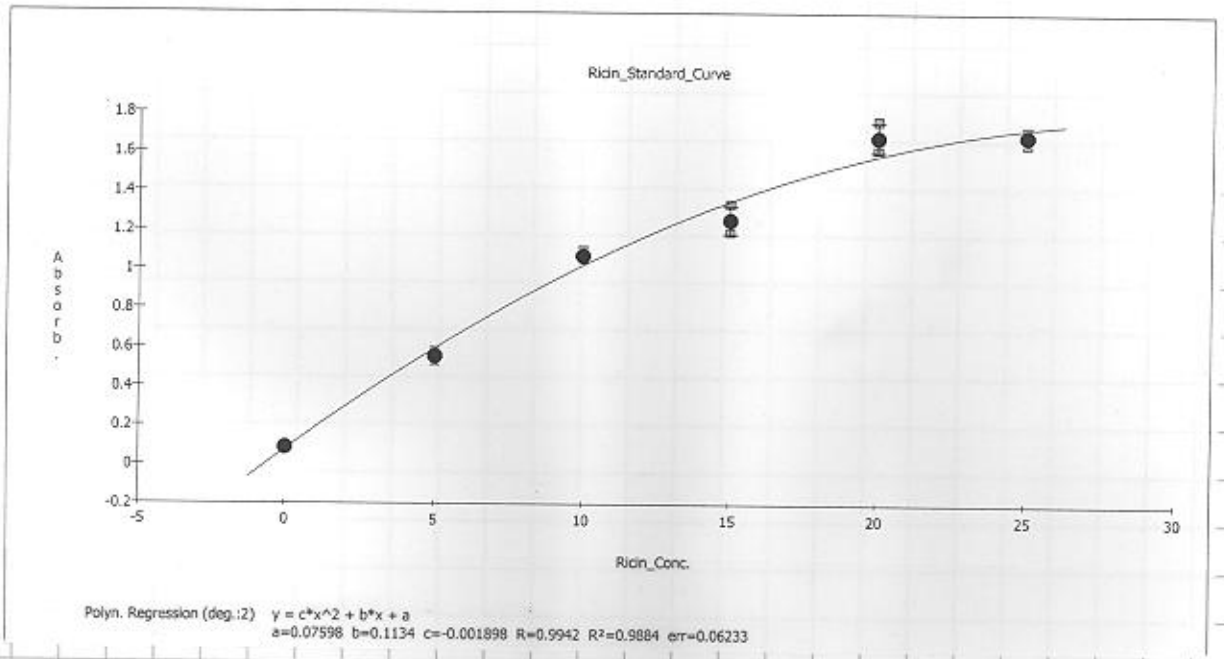
PH Experiment No. 45

PH3.5 75°C 0~40min 2ppm 1st plate

M 405

	1	2	3	4	5	6	7	8	9	10	11	12
A	0.086	0.102	0.085	0.582	0.562	0.536	1.099	1.056	1.062	1.199	1.339	1.235
B												
C	1.624	1.766	1.655	1.717	1.698	1.655	1.487	1.502	1.363	1.387	1.413	1.575
D												
E	1.609	1.499	1.604	2.028	1.924	1.738	1.778	1.685	1.558	1.676	1.806	1.720
F												
G	1.900	2.220	2.174	2.105	2.017	2.055	2.224	2.214	2.123	2.098	2.084	2.199
H												

STANDARD CURVE



Out of detection.

To Page No. ____

essed & Understood by me,	Date 04/24/08	Invented by:	Date
		Recorded by:	

Project No. _____

Book No. _____ TITLE _____

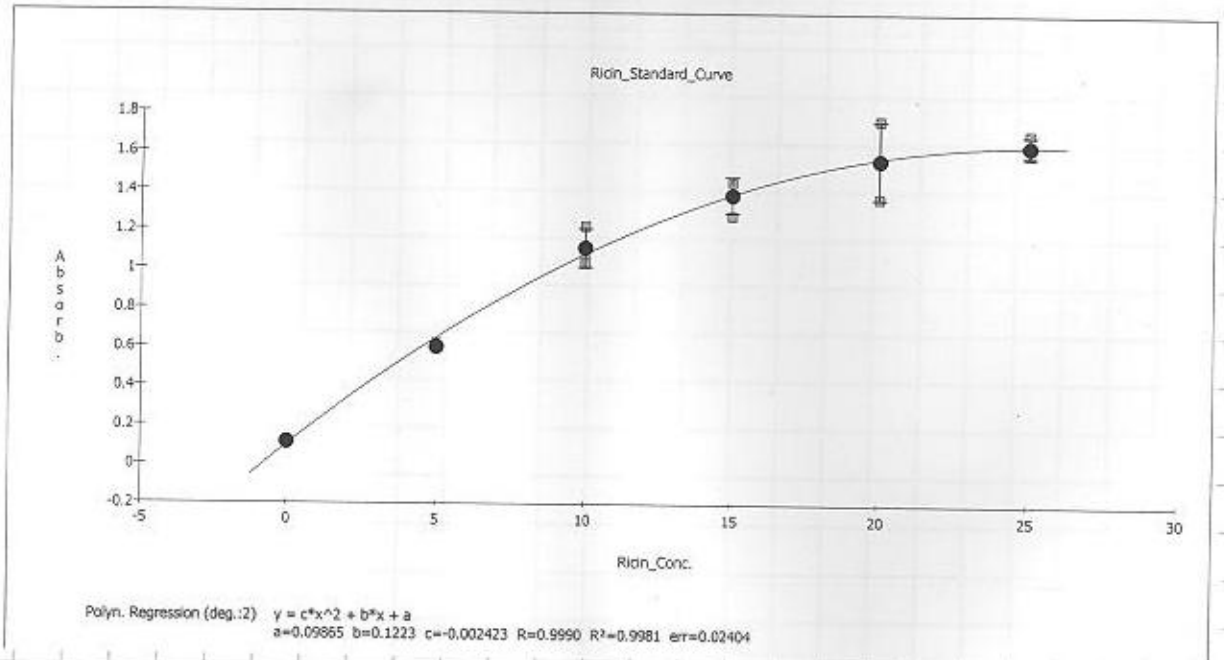
From Page No. ____

pH3.5 75°C. 0~40 min 2ppm 2nd plate

M 405

	1	2	3	4	5	6	7	8	9	10	11	12
A	0.126	0.110	0.109	0.592	0.625	0.599	1.035	1.225	1.062	1.435	1.282	1.449
B												
C	1.773	1.559	1.375	1.706	1.607	1.618	1.594	1.585	1.588	1.676	1.632	1.639
D												
E	1.736	1.307	1.546	1.808	1.929	1.935	1.945	1.873	1.961	1.932	1.727	2.110
F												
G	2.359	2.134	2.161	2.261	2.117	2.021	2.066	2.093	2.304	2.297	2.071	2.244
H												

STANDARD CURVE



Polyn. Regression (deg.:2) y = c*x^2 + b*x + a
a=0.09865 b=0.1223 c=-0.002423 R=0.9990 R²=0.9981 err=0.02404

Out of detection.

To Page No. ____

Witnessed & Understood by me,	Date	Invented by:	Date
	04/24/08	Recorded by:	

TLE ELISA Ricin pH3.5 Project No. _____

om Page No. ____ Book No. _____

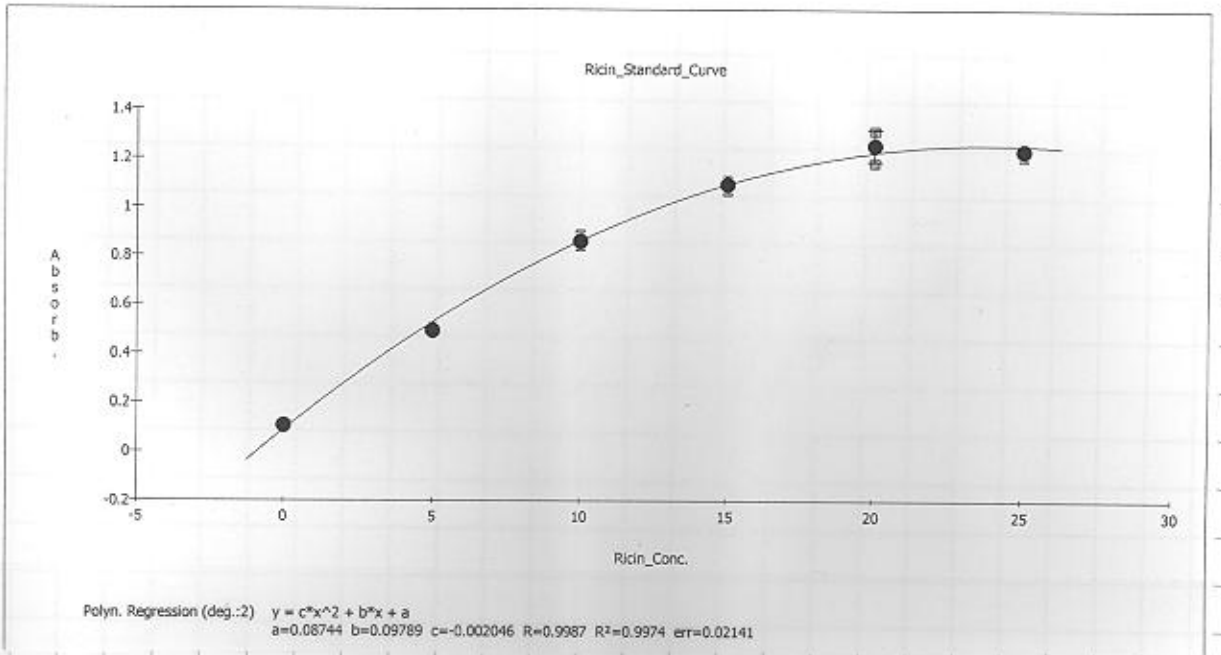
Experiment No. 46

pH3.5 75°C 0~40min 2ppm 1st plate

M 405

	1	2	3	4	5	6	7	8	9	10	11	12
A	0.105	0.106	0.109	0.486	0.488	0.507	0.854	0.889	0.842	1.115	1.070	1.103
B												
C	1.318	1.270	1.187	1.247	1.249	1.215	1.070	1.105	1.054	1.113	1.176	1.275
D												
E	1.415	1.041	1.091	1.019	1.054	1.013	0.912	0.929	0.895	0.952	0.956	1.118
F												
G	0.999	0.841	0.815	0.855	0.820	0.824	1.982	2.089	1.916	1.911	1.980	2.238
H												

STANDARD CURVE



Polyn. Regression (deg.:2) y = c*x^2 + b*x + a
a=0.08744 b=0.09789 c=-0.002046 R=0.9987 R²=0.9974 err=0.02141

pH 3.5 75°C 0~40min 2ppm 1st plate

nessed & Understood by me, | Date 04/29/08 | Invented by: | Date | Recorded by:

Project No. _____

Book No. _____ TITLE _____

From Pag

STATISTICS - Concentrations x Dil.

Well ID	Name	Conc\Dil	Well	Concentr.	Concentr. x Dil.	Nb	Mean	Std Dev	CV (%)
SPL1	0	100.00	C7	14.328	1432.8	3	1450.7	68.605	4.7291
			C8	15.265	1526.5				
			C9	13.929	1392.9				
SPL2	1	100.00	C10	15.494	1549.4	2	1653.6	147.37	8.9124
			C11	17.578	1757.8				
			C12	*OUT*	?????				
SPL3	2	100.00	E1	*OUT*	?????	2	1424.7	89.292	6.2674
			E2	13.616	1361.6				
			E3	14.878	1487.8				
SPL4	4	100.00	E4	13.107	1310.7	3	1333.6	51.790	3.8836
			E5	13.929	1392.9				
			E6	12.972	1297.2				
SPL5	7	100.00	E7	10.912	1091.2	3	1091.4	31.941	2.92[illegible]5
			E8	11.235	1123.5				
			E9	10.596	1059.6				
SPL6	10	100.00	E10	11.686	1168.6	3	1303.1	226.00	17.344
			E11	11.766	1176.6				
			E12	15.640	1564.0				
SPL7	15	100.00	G1	12.664	1266.4	3	1050.2	188.48	17.947
			G2	9.6403	964.03				
			G3	9.2022	920.22				
SPL8	20	100.00	G4	10.057	1005.7	3	956.50	42.748	4.4692
			G5	9.2854	928.54				
			G6	9.3524	935.24				
SPL9	30	10.000	G7	*OUT*	?????	0			
			G8	*OUT*	?????				
			G9	*OUT*	?????				
SPL10	40	10.000	G10	*OUT*	?????	0			
			G11	*OUT*	?????				
			G12	*OUT*	?????				

M 405

	1	2	3	4	5	6	7	8	9	10	11	12
A	0.084	0.082	0.092	0.443	0.467	0.434	0.730	0.728	0.739	0.959	1.029	1.095
B												
C	1.289	1.096	1.083	1.077	1.091	1.077	0.968	0.927	1.020	0.981	1.081	1.191
D												
E	1.415	1.076	1.038	0.976	0.972	0.966	0.840	0.823	0.747	0.893	0.960	1.115
F												
G	0.920	0.783	0.721	0.772	0.798	0.712	1.787	1.889	1.876	1.890	1.843	2.071
H												

pH 3.5 75°C 0-60min 2ppm 2nd plate

To Page No. ____

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TLE _____ Project No. _____
Book No. _____

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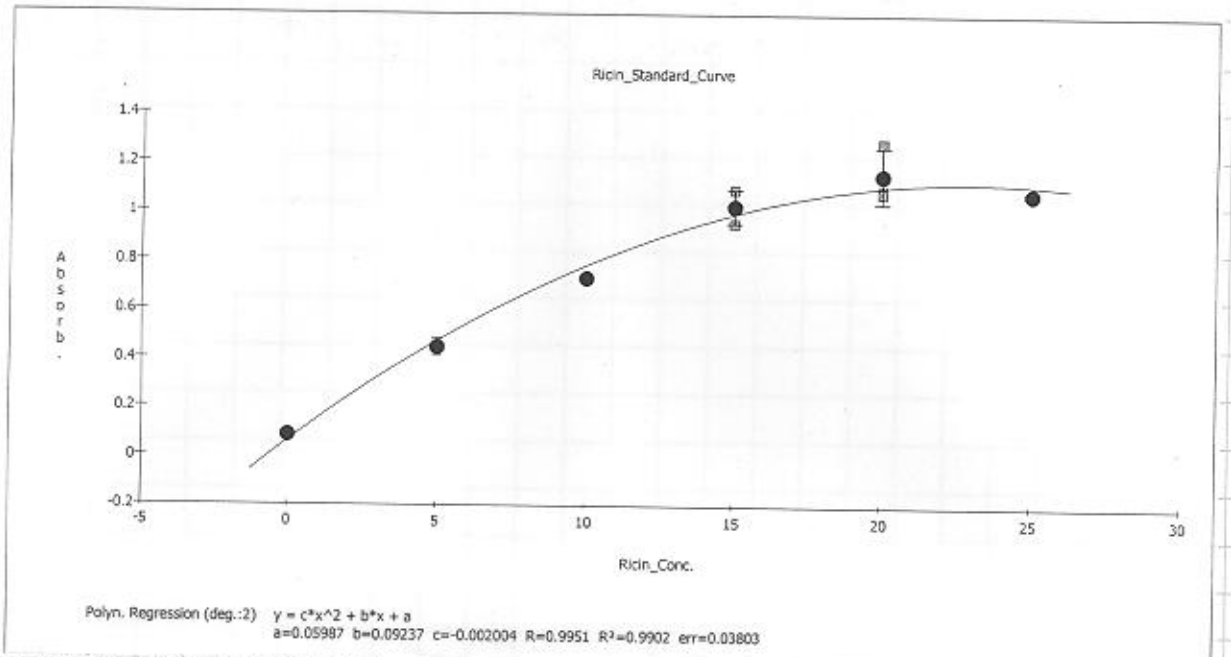
STANDARD CURVE



STATISTICS - Concentrations x Dil.

Well ID	Name	Conc\Dil	Well	Concentr.	Concentr. x Dil.	Nb	Mean	Std Dev	CV (%)
SPL1	0	100.00	C7	14.215	1421.5	3	1439.0	136.25	9.4686
			C8	13.124	1312.4				
			C9	15.832	1583.2				
SPL2	1	100.00	C10	14.590	1459.0	2	1649.4	269.21	16.322
			C11	18.397	1839.7				
			C12	*OUT*	*?????*				
SPL3	2	100.00	E1	*OUT*	*?????*	2	1731.0	116.86	6.7511
			E2	18.137	1813.7				
			E3	16.484	1648.4				
SPL4	4	100.00	E4	14.444	1444.4	3	1431.0	14.351	1.0028
			E5	14.329	1432.9				
			E6	14.159	1415.9				
SPL5	7	100.00	E7	11.136	1113.6	3	1041.5	96.010	9.2182
			E8	10.785	1078.5				
			E9	9.3254	932.54				
SPL6	10	100.00	E10	12.303	1230.3	3	1572.8	454.95	28.925
			E11	13.992	1399.2				
			E12	20.890	2089.0				
SPL7	15	100.00	G1	12.950	1295.0	3	1060.2	211.08	19.910
			G2	9.9963	999.63				
			G3	8.8604	886.04				
SPL8	20	100.00	G4	9.7876	978.76	3	959.23	80.958	8.4399
			G5	10.286	1028.6				
			G6	8.7029	870.29				
SPL9	30	10.000	G7	*OUT*	*?????*	0			
			G8	*OUT*	*?????*				
			G9	*OUT*	*?????*				
SPL10	40	10.000	G10	*OUT*	*?????*	0			
			G11	*OUT*	*?????*				
			G12	*OUT*	*?????*				

essed & Understood by me, | Date 04/29/08 | Invented by: | Recorded by: | Date

TLE _____ Project No. _____
Book No. _____

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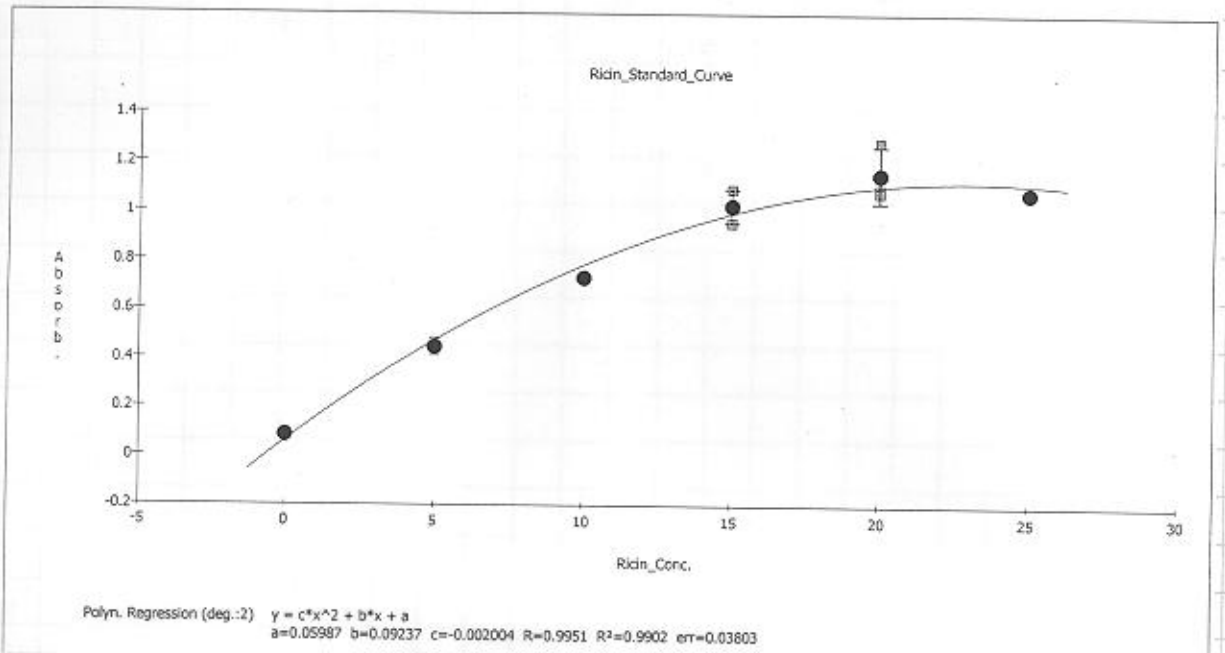
STANDARD CURVE



STATISTICS - Concentrations x Dil.

Well ID	Name	Conc\Dil	Well	Concentr.	Concentr. x Dil.	Nb	Mean	Std Dev	CV (%)
SPL1	0	100.00	C7	14.215	1421.5	3	1439.0	136.25	9.4686
			C8	13.124	1312.4				
			C9	15.832	1583.2				
SPL2	1	100.00	C10	14.590	1459.0	2	1649.4	269.21	16.322
			C11	18.397	1839.7				
			C12	*OUT*	*?????*				
SPL3	2	100.00	E1	*OUT*	*?????*	2	1731.0	116.86	6.7511
			E2	18.137	1813.7				
			E3	16.484	1648.4				
SPL4	4	100.00	E4	14.444	1444.4	3	1431.0	14.351	1.0028
			E5	14.329	1432.9				
			E6	14.159	1415.9				
SPL5	7	100.00	E7	11.136	1113.6	3	1041.5	96.010	9.2182
			E8	10.785	1078.5				
			E9	9.3254	932.54				
SPL6	10	100.00	E10	12.303	1230.3	3	1572.8	454.95	28.925
			E11	13.992	1399.2				
			E12	20.890	2089.0				
SPL7	15	100.00	G1	12.950	1295.0	3	1060.2	211.08	19.910
			G2	9.9963	999.63				
			G3	8.8604	886.04				
SPL8	20	100.00	G4	9.7876	978.76	3	959.23	80.958	8.4399
			G5	10.286	1028.6				
			G6	8.7029	870.29				
SPL9	30	10.000	G7	*OUT*	*?????*	0			
			G8	*OUT*	*?????*				
			G9	*OUT*	*?????*				
SPL10	40	10.000	G10	*OUT*	*?????*	0			
			G11	*OUT*	*?????*				
			G12	*OUT*	*?????*				

To Page No. _____

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STATISTICS - Concentrations x Dil.

Well ID	Name	Conc\Dil	Well	Concentr.	Concentr. x Dil.	Nb	Mean	Std Dev	CV (%)
SPL1	0	100.00	C7	19.056	1905.6	3	2001.3	83.539	4.1742
			C9	20.594	2059.4				
			C8	20.390	2039.0				
SPL2	1	100.00	C10	*OUT*	*?????*	0			
			C11	*OUT*	*?????*				
			C12	*OUT*	*?????*				
SPL3	2	100.00	E1	*OUT*	*?????*	2	1970.4	146.36	7.4280
			E2	20.739	2073.9				
			E3	18.669	1866.9				
SPL4	4	100.00	E4	15.174	1517.4	3	1560.1	47.966	3.0746
			E5	16.120	1612.0				
			E6	15.509	1550.9				
SPL5	7	100.00	E7	13.573	1357.3	3	1372.3	58.576	4.2684
			E8	14.369	1436.9				
			E9	13.227	1322.7				
SPL6	10	50.000	E10	*OUT*	*?????*	0			
			E11	*OUT*	*?????*				
			E12	*OUT*	*?????*				
SPL7	15	50.000	G1	*OUT*	*?????*	0			
			G2	*OUT*	*?????*				
			G3	*OUT*	*?????*				
SPL8	20	50.000	G4	*OUT*	*?????*	0			
			G5	*OUT*	*?????*				
			G6	*OUT*	*?????*				
SPL9	30	20.000	G7	*OUT*	*?????*	0			
			G8	*OUT*	*?????*				
			G9	*OUT*	*?????*				
SPL10	40	10.000	G10	*OUT*	*?????*	0			
			G11	*OUT*	*?????*				
			G12	*OUT*	*?????*				

PH3.5 75°C 0~40min 2ppm 2nd plate

M 405

	1	2	3	4	5	6	7	8	9	10	11	12
A	0.127	0.107	0.098	0.675	0.709	0.568	1.074	1.062	1.003	1.401	1.375	1.524
B												
C	1.507	1.353	1.334	1.510	1.540	1.498	1.372	1.407	1.445	1.469	1.486	1.704
D												
E	1.826	1.406	1.327	1.306	1.350	1.292	1.306	1.239	1.155	1.704	1.719	2.095
F												
G	1.626	1.643	1.682	1.552	1.579	1.476	1.809	1.949	1.793	2.185	2.175	2.507
H												

To Page No.

Witnessed & Understood by me, | Date 05/01/08 | Invented by: | Date

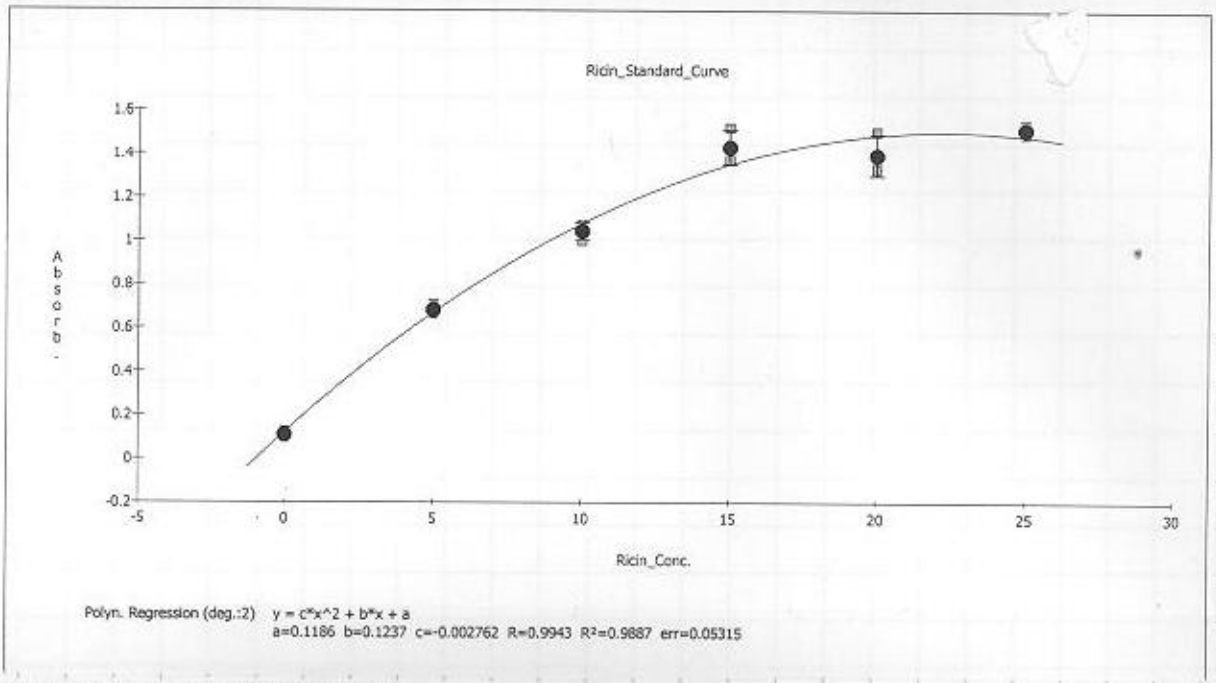
Recorded by: 张[illegible]

Project No. _____

Book No. _____ TITI F

From Pag

STANDARD CURVE



STATISTICS - Concentrations x Dil.

Well ID	Name	Conc\Dil	Well	Concentr.	Concentr. x Dil.	Nb	Mean	Std Dev	CV (%)
SPL1	0	100.00	C7	15.507	1550.7	3	1660.7	115.81	6.9735
			C9	17.815	1781.5				
			C8	16.499	1649.9				
SPL2	1	100.00	C10	18.894	1889.4	2	1941.1	73.213	3.7716
			C11	19.929	1992.9				
			C12	*OUT*	?????				
SPL3	2	100.00	E1	*OUT*	?????	2	1543.9	145.60	9.4304
			E2	16.469	1646.9				
			E3	14.410	1441.0				
SPL4	4	100.00	E4	13.946	1394.6	3	1418.2	68.089	4.8010
			E5	14.950	1495.0				
			E6	13.651	1365.1				
SPL5	7	100.00	E7	13.946	1394.6	3	1257.5	139.09	11.061
			E8	12.614	1261.4				
			E9	11.165	1116.5				
SPL6	10	50.000	E10	*OUT*	?????	0			
			E11	*OUT*	?????				
			E12	*OUT*	?????				
SPL7	15	50.000	G1	*OUT*	?????	0			
			G2	*OUT*	?????				
			G3	*OUT*	?????				
SPL8	20	50.000	G4	*OUT*	?????	1	963.91		
			G5	*OUT*	?????				
			G6	19.278	963.91				
SPL9	30	20.000	G7	*OUT*	?????	0			
			G8	*OUT*	?????				
			G9	*OUT*	?????				
SPL10	40	10.000	G10	*OUT*	?????	0			
			G11	*OUT*	?????				
			G12	*OUT*	?????				

To Page No.

Witnessed & Understood by me,	Date 05/01/08	Invented by:	Date
		Recorded by:	

TITLE ELISA Ricin

Project No. _____

Book No. _____

From Page No. ____

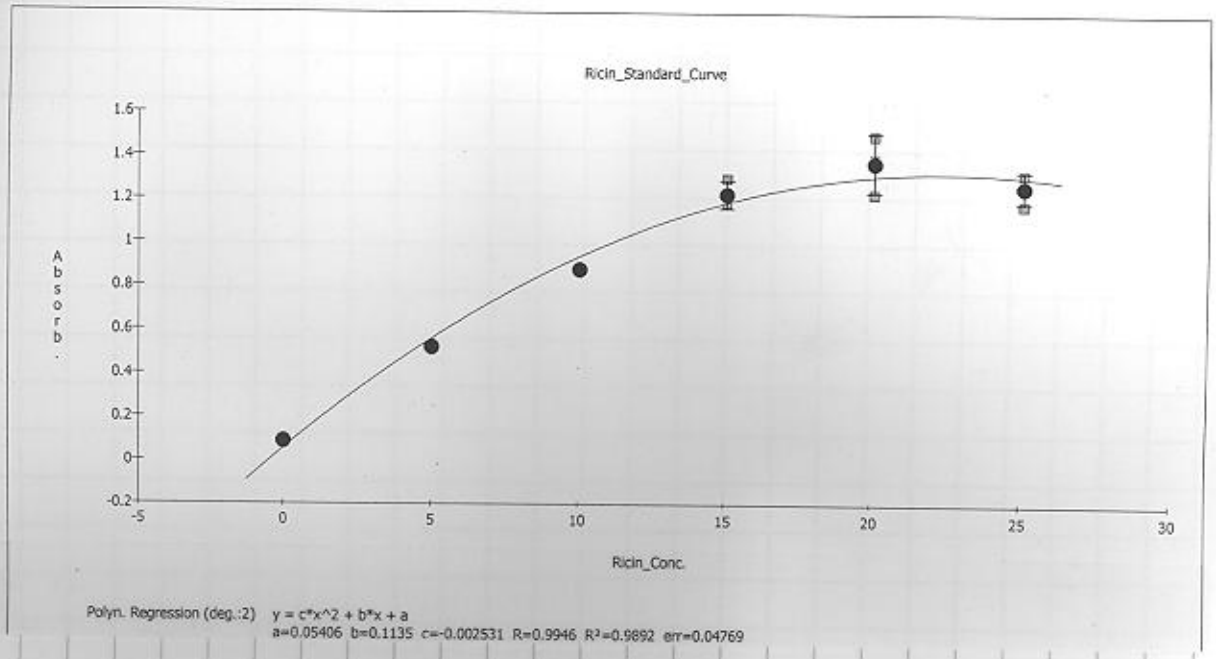
Experiment No. 48

pH 3,5 75°C 0 h 0 min 2ppm 1st time

M 405

	1	2	3	4	5	6	7	8	9	10	11	12
A	0.090	0.089	0.090	0.535	0.509	0.520	0.869	0.888	0.878	1.191	1.189	1.303
B												
C	1.502	1.394	1.232	1.325	1.184	1.269	1.194	1.297	1.295	1.270	1.244	1.538
D												
E	1.542	1.402	1.447	1.146	1.202	1.163	1.094	1.122	1.124	1.480	1.480	1.852
F												
G	1.638	1.733	1.605	1.393	1.330	1.447	1.328	1.286	1.295	1.201	1.241	1.434
H												

STANDARD CURVE



Polyn. Regression (deg.:2) y = c*x^2 + b*x + a
a=0.05406 b=0.1135 c=-0.002531 R=0.9946 R²=0.9892 err=0.04769

To Page No. ____

Witnessed & Understood by me,

Date 05/05/08

Invented by: [illegible]

Recorded by: [illegible]

Date

Project No. _____

Book No. _____ TITLE _____

From Pag

STATISTICS - Concentrations x Dil.

Well ID	Name	Conc\Dil	Well	Concentr.	Concentr. x Dil.	Nb	Mean	Std Dev	CV (%)
SPL1	0	100.00	C7	15.174	1517.4	3	1768.9	217.79	12.312
			C8	18.975	1897.5				
			C9	18.918	1891.8				
SPL2	1	100.00	C10	17.675	1767.5	2	1718.5	69.254	4.0299
			C11	16.696	1669.6				
			C12	*OUT*	?????				
SPL3	2	100.00	E1	*OUT*	?????	0			
			E2	*OUT*	?????				
			E3	*OUT*	?????				
SPL4	4	100.00	E4	13.968	1396.8	3	1457.9	73.584	5.0472
			E5	15.396	39.6				
			E6	14.374	1437.4				
SPL5	7	100.00	E7	12.830	1283.0	3	1324.1	35.680	2.6946
			E8	13.425	1342.5				
			E9	13.469	1346.9				
SPL6	10	50.000	E10	*OUT*	?????	0			
			E11	*OUT*	?????				
			E12	*OUT*	?????				
SPL7	15	50.000	G1	*OUT*	?????	0			
			G2	*OUT*	?????				
			G3	*OUT*	?????				
SPL8	20	50.000	G4	*OUT*	?????	0			
			G5	*OUT*	?????				
			G6	*OUT*	?????				
SPL9	30	50.000	G7	*OUT*	?????	2	931.42	16.550	1.7769
			G8	18.394	919.72				
			G9	18.862	943.12				
SPL10	40	50.000	G10	15.368	768.39	2	799.02	43.321	5.4218
			G11	16.593	829.65				
			G12	*OUT*	?????				

M 405

	1	2	3	4	5	6	7	8	9	10	11	12
A	0.085	0.091	0.091	0.564	0.551	0.537	0.990	0.989	0.945	1.224	1.234	1.202
B												
C	1.473	1.270	1.224	1.221	1.230	1.273	1.406	1.355	1.351	1.325	1.317	1.537
D												
E	1.483	1.403	1.372	1.237	1.209	1.195	1.208	1.181	1.259	1.623	1.628	1.752
F												
G	1.639	1.695	1.750	1.500	1.583	1.446	1.257	1.415	1.471	1.349	1.349	1.525
H												

pH3.5 25°C 0~40min 2nd plate

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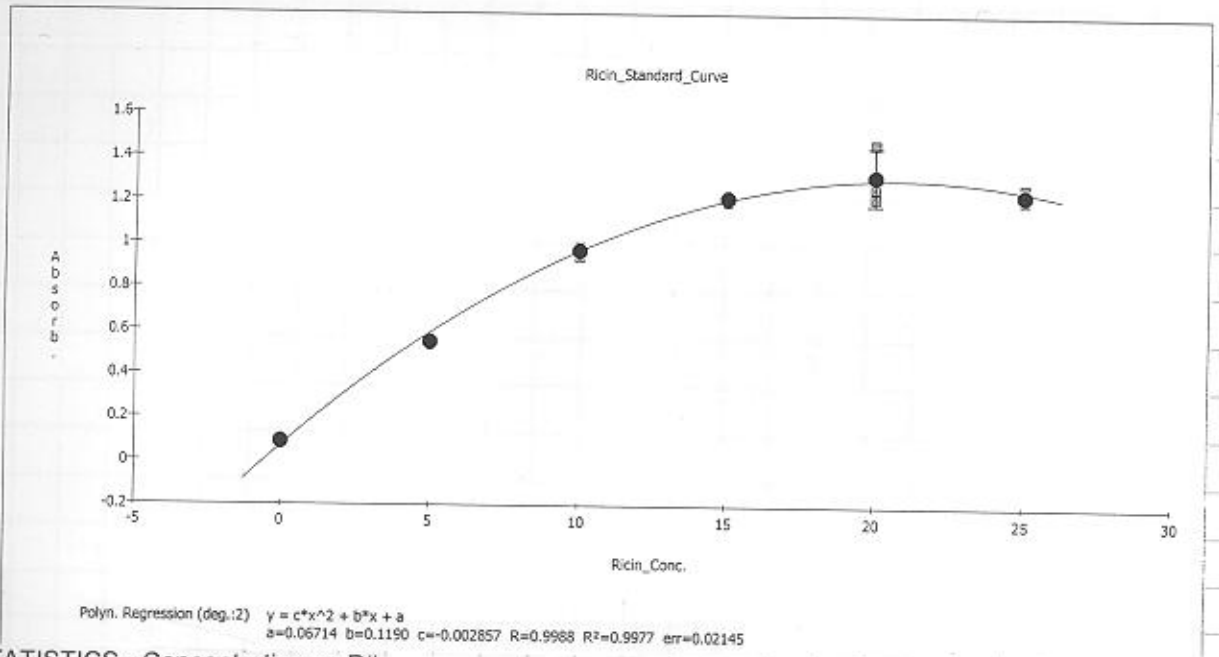
STANDARD CURVE



STATISTICS - Concentrations x Dil.

Well ID	Name	Conc\Dil	Well	Concentr.	Concentr. x Dil.	Nb	Mean	Std Dev	CV (%
SPL1	0	100.00	C7	*OUT*	?????	0			
			C8	*OUT*	?????				
			C9	*OUT*	?????				
SPL2	1	100.00	C10	*OUT*	?????	0			
			C11	*OUT*	?????				
			C12	*OUT*	?????				
SPL3	2	100.00	E1	*OUT*	?????	0			
			E2	*OUT*	?????				
			E3	*OUT*	?????				
SPL4	4	100.00	E4	15.913	1591.3	3	1516.8	67.581	4.4554
			E5	15.000	1500.0				
			E6	14.593	1459.3				
SPL5	7	100.00	E7	14.970	1497.0	3	1531.8	131.55	8.5883
			E8	14.211	1421.1				
			E9	16.772	1677.2				
SPL6	10	50.000	E10	*OUT*	?????	0			
			E11	*OUT*	?????				
			E12	*OUT*	?????				
SPL7	15	50.000	G1	*OUT*	?????	0			
			G2	*OUT*	?????				
			G3	*OUT*	?????				
SPL8	20	50.000	G4	*OUT*	?????	0			
			G5	*OUT*	?????				
			G6	*OUT*	?????				
SPL9	30	50.000	G7	16.686	834.32	1	834.32		
			G8	*OUT*	?????				
			G9	*OUT*	?????				
SPL10	40	50.000	G10	*OUT*	?????	0			
			G11	*OUT*	?????				
			G12	*OUT*	?????				

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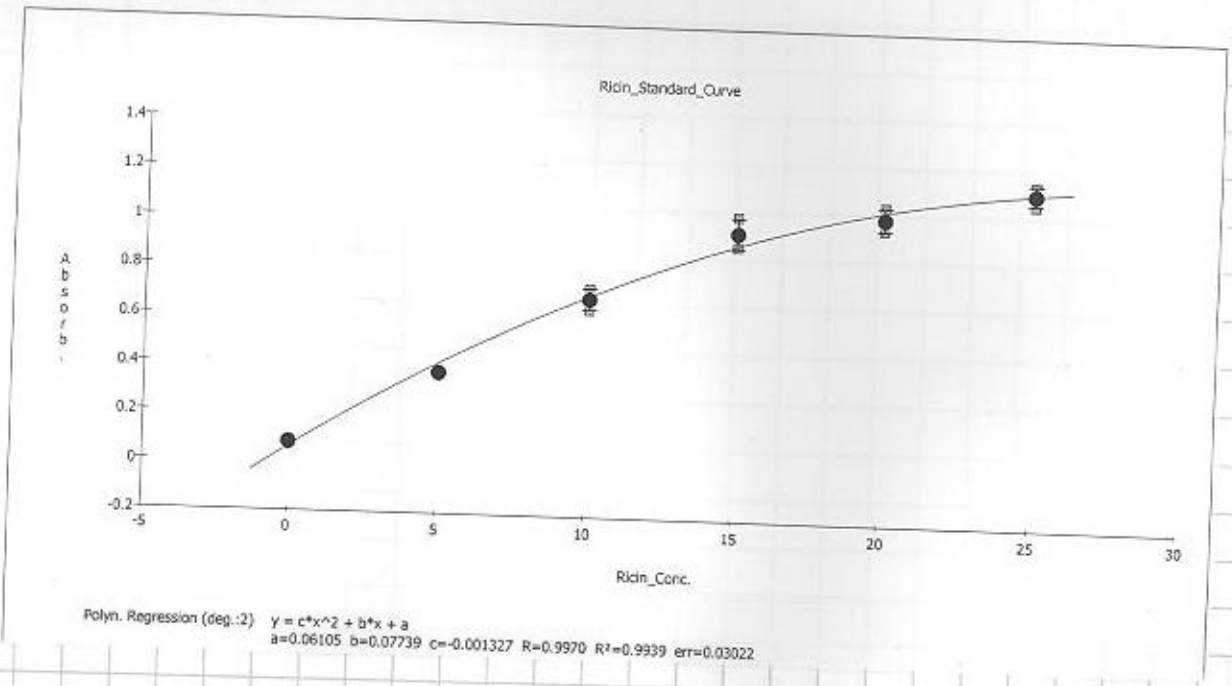
Experiment No. 49

pH3.5 75°C 2ppm 240 min 1st plate

M 405

	1	2	3	4	5	6	7	8	9	10	11	12
A	0.093	0.075	0.076	0.369	0.389	0.373	0.694	0.649	0.735	0.964	0.921	1.044
B												
C	1.102	1.044	1.007	1.205	1.174	1.125	1.374	1.433	1.377	1.454	1.536	1.556
D												
E	1.385	1.492	1.428	1.661	1.567	1.627	1.642	1.585	1.569	1.707	1.776	1.922
F												
G	1.889	1.836	1.812	1.695	1.824	1.662	1.909	1.973	1.699	1.827	1.811	2.009
H												

STANDARD CURVE



Polyn. Regression (deg.:2) $y = c*x^2 + b*x + a$

a=0.06105 b=0.07739 c=-0.001327 R=0.9970 R^2=0.9939 err=0.03022

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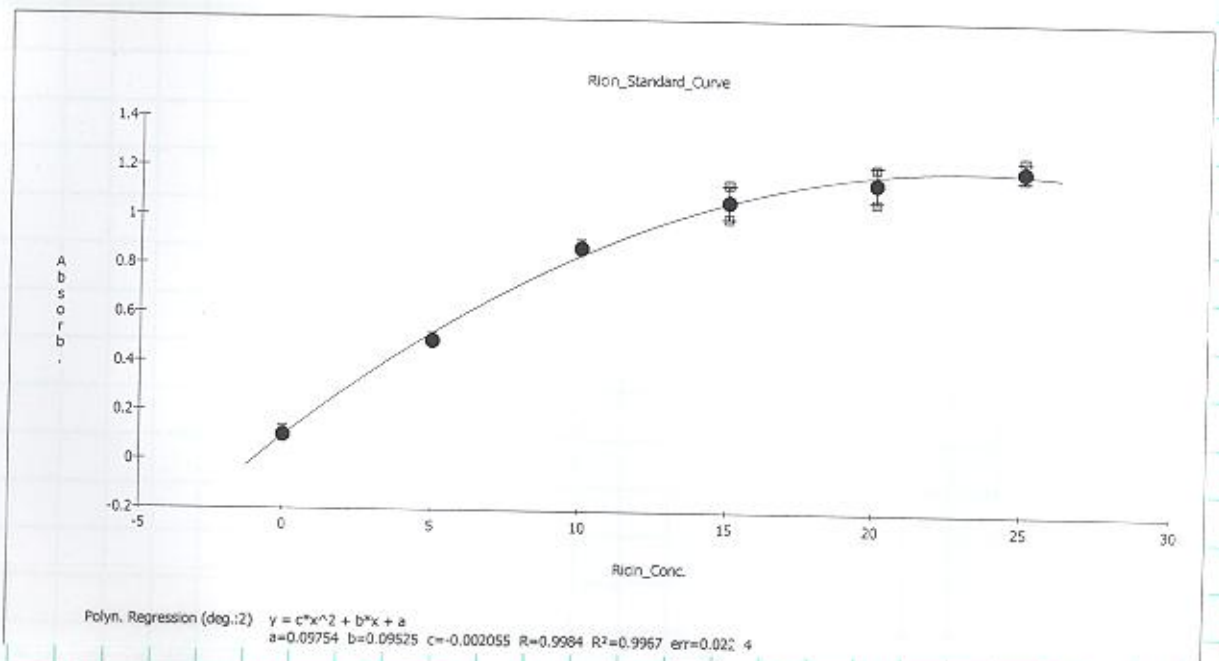
pH 3.5 75°C 2ppm 0-40 min 2nd plate

M 405

	1	2	3	4	5	6	7	8	9	10	11	12
A	0.125	0.094	0.093	0.489	0.509	0.484	0.867	0.871	0.896	1.142	1.004	1.054
B												
C	1.216	1.162	1.073	1.253	1.185	1.186	1.360	1.377	1.379	1.300	1.320	1.505
D												
E	1.583	1.409	1.370	1.735	1.771	1.704	1.737	1.721	1.653	1.703	1.691	1.916
F												
G	2.021	2.207	2.071	1.900	1.941	2.162	1.997	1.947	1.992	1.985	2.00	2.207
H												

STANDARD CURVE



No reading results can be calculated.

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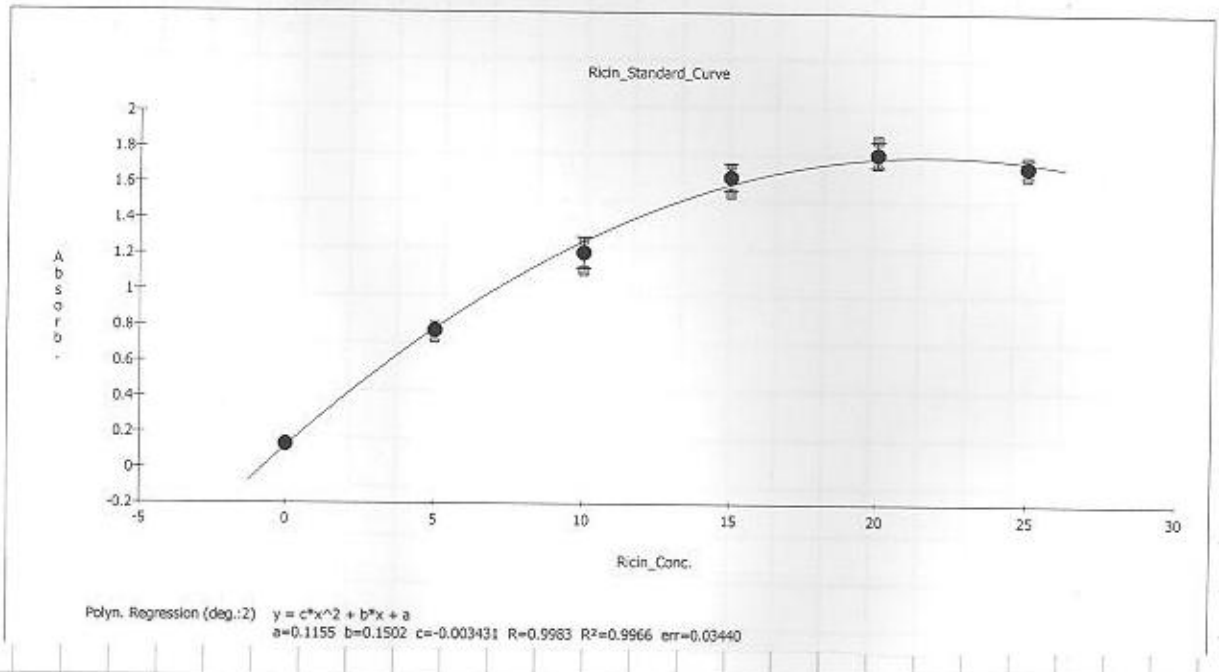
Experiment No 50

pH 3.5 75°C 0~40 min 1ppm 1st plate

M 405

	1	2	3	4	5	6	7	8	9	10	11	12
A	0.132	0.128	0.135	0.732	0.799	0.798	1.115	1.275	1.256	1.698	1.553	1.675
B												
C	1.857	1.747	1.720	1.744	1.710	1.657	1.014	1.170	1.055	1.190	1.179	1.388
D												
E	1.228	1.097	1.035	1.621	1.559	1.522	1.502	1.587	1.561	1.453	1.417	1.796
F												
G	2.086	2.195	1.879	2.005	1.958	1.909	2.161	2.135	2.027	1.953	2.064	2.387
H												

STANDARD CURVE



Polyn. Regression (deg.:2) $y = c*x^2 + b*x + a$

a=0.1155 b=0.1502 c=-0.003431 R=0.9983 R^2=0.9966 err=0.03440

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STATISTICS - Concentrations x Dil.

Well ID	Name	Conc\Dil	Well	Concentr.	Concentr. x Dil.	Nb	Mean	Std Dev	CV (%)
SPL1	0	100.00	C7	7.1465	714.65	3	782.74	84.872	10.843
			C8	8.7783	877.83				
			C9	7.5574	755.74				
SPL2	1	100.00	C10	9.0023	900.23	3	978.64	146.64	14.984
			C11	8.8786	887.86				
			C12	11.478	1147.8				
SPL3	2	100.00	E1	9.4393	943.93	3	826.19	106.80	12.927
			E2	7.9908	799.08				
			E3	7.3555	735.55				
SPL4	4	50.000	E4	15.523	776.17	3	722.00	49.854	6.9050
			E5	14.235	711.76				
			E6	13.561	678.05				
SPL5	7	50.000	E7	13.218	660.92	3	698.02	32.257	4.6212
			E8	14.389	719.46				
			E9	14.274	713.68				
SPL6	10	50.000	E10	12.431	621.55	2	608.07	19.054	3.1334
			E11	11.892	594.60				
			E12	*OUT*	?????				
SPL7	15	20.000	G1	*OUT*	?????	0			
			G2	*OUT*	?????				
			G3	*OUT*	?????				
SPL8	20	20.000	G4	*OUT*	?????	0			
			G5	*OUT*	?????				
			G6	*OUT*	?????				
SPL9	30	10.000	G7	*OUT*	?????	0			
			G8	*OUT*	?????				
			G9	*OUT*	?????				
SPL10	40	10.000	G10	*OUT*	?????	0			
			G11	*OUT*	?????				
			G12	*OUT*	?????				

pH3.5 75°C 0~40min 1ppm 2nd plate

M 405

	1	2	3	4	5	6	7	8	9	10	11	12
A	0.119	0.110	0.109	0.676	0.673	0.692	1.164	1.076	1.103	1.390	1.479	1.535
B												
C	1.915	1.668	1.504	1.703	1.697	1.726	1.184	1.166	1.127	1.173	1.204	1.382
D												
E	1.294	1.116	1.123	1.576	1.591	1.672	1.658	1.623	1.608	1.630	1.702	1.864
F												
G	1.941	2.179	2.138	1.993	2.024	2.085	2.254	2.287	1.997	2.177	1.973	2.363
H												

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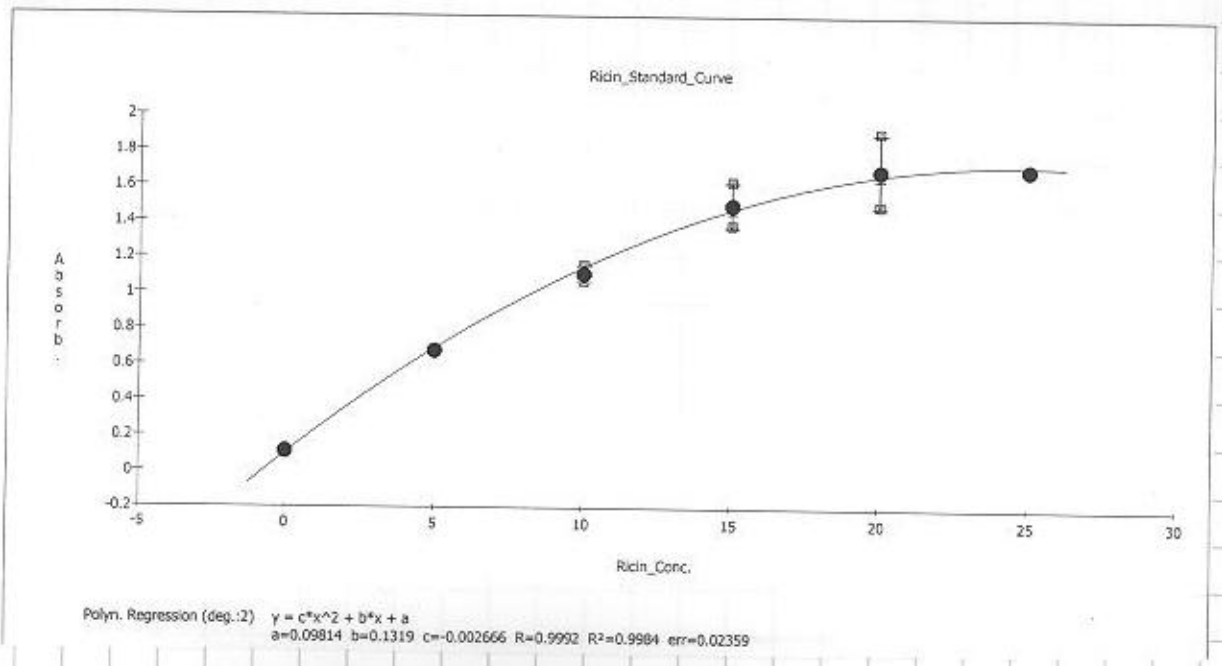
STANDARD CURVE



Polyn. Regression (deg.:2) $y = c*x^2 + b*x + a$
a=0.09814 b=0.1319 c=-0.002666 R=0.9992 R²=0.9984 err=0.02359

STATISTICS - Concentrations x Dil.

Well ID	Name	Conc\Dil	Well	Concentr.	Concentr. x Dil.	Nb	Mean	Std Dev	CV (%)
SPL1	0	100.00	C7	10.437	1043.7	3	1011.6	37.234	3.6806
			C8	10.203	1020.3				
			C9	9.7080	970.80				
SPL2	1	100.00	C10	10.294	1029.4	3	1144.1	164.63	14.389
			C11	10.702	1070.2				
			C12	13.327	1332.7				
SPL3	2	100.00	E1	11.962	1196.2	3	1039.7	135.59	13.041
			E2	9.5713	957.13				
			E3	9.6581	965.81				
SPL4	4	50.000	E4	17.163	858.14	3	913.75	80.395	8.7984
			E5	17.544	877.19				
			E6	20.119	1005.9				
SPL5	7	50.000	E7	19.581	979.04	3	933.62	40.789	4.3689
			E8	18.434	921.71				
			E9	18.002	900.11				
SPL6	10	50.000	E10	18.646	932.29	2	1005.3	103.18	10.265
			E11	21.564	1078.2				
			E12	*OUT*	*?????*				
SPL7	15	20.000	G1	*OUT*	*?????*	0			
			G2	*OUT*	*?????*				
			G3	*OUT*	*?????*				
SPL8	20	20.000	G4	*OUT*	*?????*	0			
			G5	*OUT*	*?????*				
			G6	*OUT*	*?????*				
SPL9	30	10.000	G7	*OUT*	*?????*	0			
			G8	*OUT*	*?????*				
			G9	*OUT*	*?????*				
SPL10	40	10.000	G10	*OUT*	*?????*	0			
			G11	*OUT*	*?????*				
			G12	*OUT*	*?????*				

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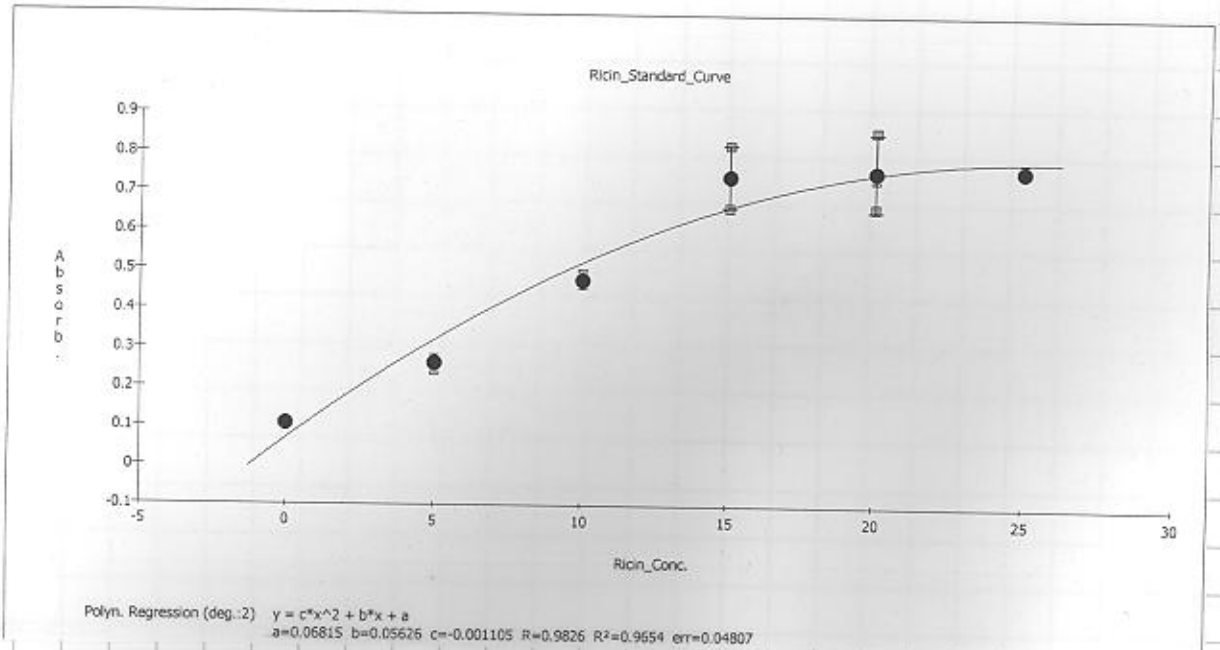
Experiment No 51

pH 3.5 80°C 2ppm 0~40min 1st plate

M 405

	1	2	3	4	5	6	7	8	9	10	11	12
A	0.114	0.102	0.109	0.245	0.275	0.271	0.466	0.493	0.469	0.664	0.742	0.824
B												
C	0.862	0.741	0.665	0.756	0.771	0.758	0.172	0.171	0.175	0.195	0.207	0.234
D												
E	0.259	0.230	0.216	0.223	0.207	0.203	0.170	0.178	0.181	0.225	0.252	0.273
F												
G	0.315	0.309	0.268	0.184	0.165	0.179	0.243	0.218	0.226	0.202	0.234	0.246
H												

STANDARD CURVE



Witnessed & Understood by me, Date 06/23/08 Invented by: Date Recorded by:

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STATISTICS - Concentrations x Dil.

Well ID	Name	Conc\Dil	Well	Concentr.	Concentr. x Dil.	Nb	Mean	Std Dev	CV (%)
SPL1	0	100.00	C7	1.9181	191.81	3	193.10	4.0073	2.0752
			C8	1.8989	189.89				
			C9	1.9759	197.59				
SPL2	1	100.00	C10	2.3645	236.45	3	270.24	39.847	14.745
			C11	2.6009	260.09				
			C12	3.1418	314.18				
SPL3	2	50.000	E1	3.6547	182.73	3	158.25	22.334	14.113
			E2	3.0608	153.04				
			E3	2.7797	138.99				
SPL4	4	50.000	E4	2.9199	145.99	3	134.04	10.536	7.8602
			E5	2.6009	130.04				
			E6	2.5218	126.09				
SPL5	7	50.000	E7	1.8798	93.989	3	100.09	5.4790	5.4741
			E8	2.0338	101.69				
			E9	2.0918	104.59				
SPL6	10	50.000	E10	2.9601	148.00	3	173.62	24.731	14.244
			E11	3.5099	175.49				
			E12	3.9472	197.36				
SPL7	15	20.000	G1	4.8496	96.992	3	89.401	10.953	12.252
			G2	4.7183	94.366				
			G3	3.8422	76.844				
SPL8	20	20.000	G5	1.7839	35.679	3	39.914	3.7934	9.5042
			G4	2.1500	43.000				
			G6	2.0531	41.062				
SPL9	30	10.000	G7	3.3250	33.250	3	30.417	2.5819	8.4886
			G8	2.8197	28.197				
			G9	2.9802	29.802				
SPL10	40	10.000	G10	2.5021	25.021	3	30.101	4.5668	15.171
			G11	3.1418	31.418				
			G12	3.3865	33.865				

pH 3.5 80°C 2ppm overnight 2nd plate

M 405

	1	2	3	4	5	6	7	8	9	10	11	12
A	0.096	0.093	0.099	0.330	0.351	0.355	0.604	0.594	0.587	0.818	0.835	0.892
B												
C	0.976	0.860	0.776	1.003	1.000	0.951	0.218	0.222	0.227	0.230	0.204	0.346
D												
E	0.325	0.264	0.278	0.273	0.272	0.279	0.195	0.212	0.267	0.277	0.380	0.265
F												
G	0.350	0.361	0.342	0.220	0.228	0.214	0.250	0.257	0.257	0.203	0.206	0.211
H												

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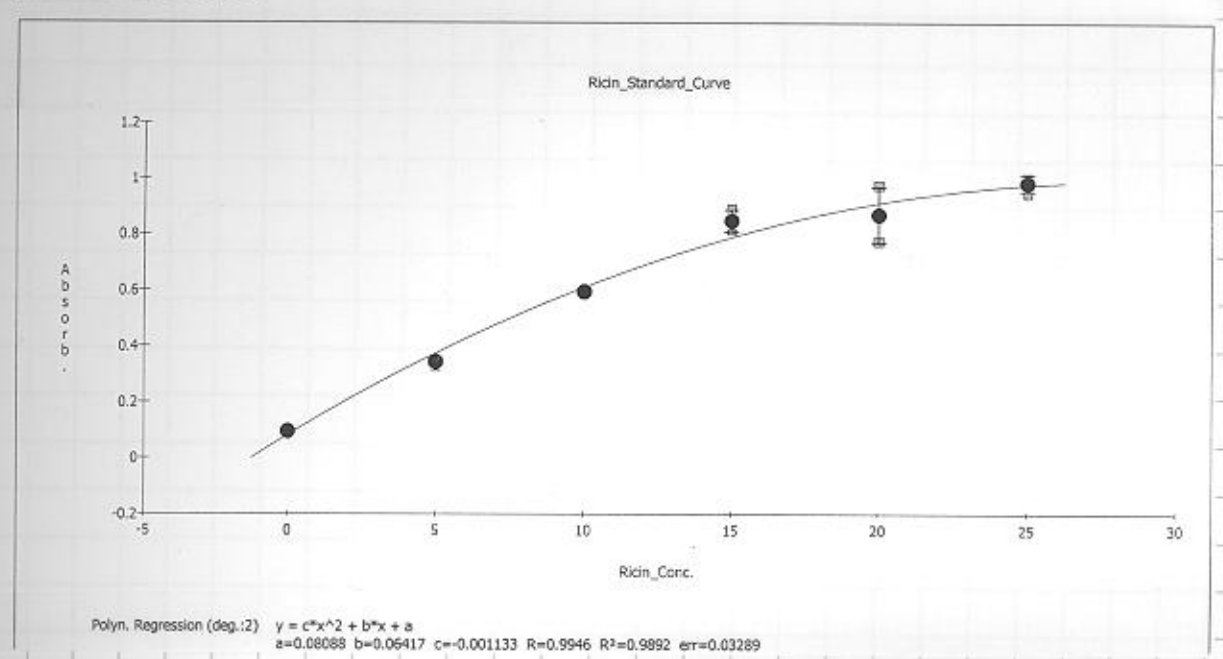
STANDARD CURVE



STATISTICS - Concentrations x Dil.

Well ID	Name	Conc\Dil	Well	Concentr.	Concentr. x Dil.	Nb	Mean	Std Dev	CV (%)
SPL1	0	100.00	C7	2.1905	219.05	3	228.66	9.3376	4.0837
			C8	2.2921	229.21				
			C9	2.3771	237.71				
SPL2	1	100.00	C10	2.4282	242.82	3	296.81	133.40	44.945
			C11	1.9887	198.87				
			C12	4.4874	448.74				
SPL3	2	50.000	E1	4.1016	205.08	3	172.93	28.513	16.489
			E2	3.0143	150.72				
			E3	3.2597	162.99				
SPL4	4	50.000	E4	3.1717	158.59	3	160.06	3.3297	2.0803
			E5	3.1542	157.71				
			E6	3.2773	163.87				
SPL5	7	50.000	E7	1.8383	91.913	3	117.14	32.150	27.447
			E8	2.1231	106.16				
			E9	3.0667	153.34				
SPL6	10	50.000	E10	3.2421	162.11	3	189.99	57.647	30.342
			E11	5.1256	256.28				
			E12	3.0317	151.59				
SPL7	15	20.000	G1	4.5615	91.231	3	91.612	3.5502	3.8752
			G2	4.7669	95.337				
			G3	4.4134	88.267				
SPL8	20	20.000	G5	2.3941	47.882	3	45.395	2.3808	5.2447
			G4	2.2583	45.165				
			G6	2.1568	43.137				
SPL9	30	10.000	G7	2.7713	27.713	3	28.521	0.6997	2.4532
			G8	2.8925	28.925				
			G9	2.8925	28.925				
SPL10	40	10.000	G10	1.9719	19.719	3	20.335	0.6788	3.3380
			G11	2.0222	20.222				
			G12	2.1063	21.063				

Witnessed & Understood by me, | Date 06/23/08 | Invented by: | Date | Recorded by: