

Table 1

Ethanol volume, x ml	K	a	b	$\chi^2$
0	1058.8	2.118	1.393	16.56
1	459.15	2.606	1.514	29.39
2	401.92	1.361	1.660	16.98
3	160.41	1.220	1.559	9.992

Table 2

Ethanol Volume (ml)	Ethanol volume percentage ratio, %	$\chi^2$	Degree of freedom	Critical $\chi^2$ value at significant level of $\alpha = 0.05$	n	$\varepsilon$
0	0	0.621	10	18.307	1.538	0.669
1	11	9.052	10	18.307	2.369	0.706
2	20	7.067	10	18.307	2.273	0.685
3	27	3.384	10	18.307	1.862	0.642

Table 3

Ethanol Volume (ml)	Ethanol volume percentage ratio, %	$\chi^2$	Degree of freedom	Critical $\chi^2$ value at significant level of $\alpha = 0.05$	Number of hit, v	$\varepsilon$	$C_o$
0	0	2.949577	10	18.307	2	0.623282	3.117
1	11	14.13509	10	18.307	1	0.316297	185980.9
2	20	11.41293	10	18.307	1	0.302454	192059.6
3	27	5.074641	10	18.307	1	0.293464	190067.5

Table 4

Ethanol Volume (ml)	Ethanol volume percentage ratio, %	$\chi^2$	Degree of freedom	Critical $\chi^2$ value at significant level of $\alpha = 0.05$	a	b
0	0	0.304	10	18.307	5.395	0.075
1	11	4.75	10	18.307	3.069	0.157
2	20	1.83	10	18.307	5.843	0.146
3	27	2.974	10	18.307	17.64	0.105

Table 5

Ethanol Volume (ml)	Ethanol volume percentage ratio, %	$\chi^2$	Degree of freedom	Critical $\chi^2$ value at significant level of $\alpha = 0.05$	u	a <sub>1</sub>	a <sub>2</sub>	a <sub>3</sub>
0	0	0.498	4	9.488	16.832	1.98	16.526	8.459
1	11	0.553	4	9.488	17.100	2.00	15.98	8.047
2	20	0.511	4	9.488	19.377	2.15	14.74	7.115
3	27	1.496	4	9.488	17.375	1.99	12.96	7.232

Table 6

Ethanol Volume (ml)	Ethanol volume percentage ratio, %	$\chi^2$	Degree of freedom	Critical $\chi^2$ value at significant level of $\alpha = 0.05$	u	a <sub>1</sub>	a <sub>2</sub>	a <sub>3</sub>
0	0	1.999	10	18.307	0.906	2.647	2.925	16.365
1	11	7.475	10	18.307	0.819	3.092	3.256	11.131
2	20	6.777	10	18.307	0.496	5.554	0.585	11.718
3	27	14.138	10	18.307	0.829	0.702	0.568	14.138