

TABLE VIII

Acetone 11.1 Oxalic ester 3.7 Sodium ethylate 3.7 Vol. 20

<i>t</i>	"Vol. anal."	Readings	<i>x</i>
0.25	4.0	42.0; 42.0; 42.0	0.311
0.50	3.0	52.5; 53.0; 52.0	0.518
0.75	2.0	45.5; 45.5; 45.5	0.674
1.0	1.5	41.5; 42.0; 42.0	0.822
1.5	1.0	36.0; 36.0; 36.0	1.067
2.0	0.75	32.0; 31.0; 31.5	1.245
3.0	0.75	40.0; 41.0; 40.0	1.595

TABLE IX

Acetone 3.7 Oxalic ester 11.1 Sodium ethylate 3.7 Vol. 20

<i>t</i>	"Vol. anal."	Readings	<i>x</i>
0.25	3.0	34.0; 34.0; 35.0	0.341
0.50	2.5	52.0; 52.0; 52.0	0.616
0.75	1.25	40.0; 39.0; 40.0	0.939
1.0	1.0	40.0; 40.0; 39.5	1.178
1.5	0.75	40.0; 41.5; 41.0	1.622
2.0	0.6	39.5; 40.0; 40.5	1.970
3.0	0.5	38.5; 39.0; 39.0	2.290

TABLE X

Acetone 3.7 Oxalic ester 3.7 Sodium ethylate 3.7 Vol. 40

<i>t</i>	<i>x</i>	<i>x</i> per liter	$K_1 \times 10^{12}$
4.0	0.069	1.725	—
6.5	0.115	2.875	68
16.0	0.272	6.80	74
24.0	0.385	9.525	67
35.0	0.500	12.50	69
40.0	0.563	14.075	79
48.0	0.565	22.05	66
72.0	0.882	31.00	80
120.0	1.240	37.00	80
192.0	1.481	47.00	86
—	1.888	—	—

Average 74