TABLE 30.—*Results of cracking cymene under various conditions of temperature and pressure.*

Temperature, ° C	650	650	650	650	725	725	725	725	800	800	800	800
Pressure, atmospheres	(a)	1	12	18	(a)	1	12	18	(a)	1	12	18
Oil used, c. c	500	600	600	600	500	400	600	600	500	500	600	600
Oil recovered, per cent	83.0	62.0	53.3	40.8	52.0	40.0	27.5	25.0	49.0	17.6	15.8	00.0
Specific gravity of recovered oil	0.895	0.921	0.924	0.916	0.927	0.982	0.945	0.934	0.951	0.995	0.926	.....
Carbon produced, per cent	1.8	1.0	10.2	16.3	2.4	3.6	37.4	32.8	1.3	9.0	20.8	00.0

RESULTS OF DISTILLATION.

First drop at (° C.)	97		69		80		70		97		.....		75		.....		73		.....		.....		.....	
Temperature.	Per cent.	Specific gravity.	Per cent.	Specific gravity.	Per cent.	Specific gravity.	Per cent.	Specific gravity.	Per cent.	Specific gravity.	Per cent.	Specific gravity.	Per. cent.	Specific gravity.	Per cent.	Specific gravity.	Per cent.	Specific gravity.	Per cent.	Specific gravity.	Per cent.	Specific gravity.	Per cent.	Specific gravity.
°C.																								
0 to 100	0.2	.....	9.2	0.877	12.0	0.876	15.1	0.875	0.2	.....	3.7	.....	10.2	0.881	3.8	0.872	1.5	.....	1.6	0.872	3.8	0.865	0.0	.....
100 to 125	14.5	0.869	2.5	.874	2.7	.875	1.9	.873	3.9	0.878	7.4	0.876	2.3	.870	5.0	.877	4.7	0.874	1.9	.874	1.3	.868	.0	.....
125 to 150	17.8	.872	5.9	.876	4.0	.874	4.9	.867	8.9	.880	5.2	.885	2.1	.870	2.8	.....	9.5	.882	1.6	.878	1.6	.....	.0	.....
150 to 200	34.5	.878	21.6	.899	21.3	.874	10.6	.873	17.0	.888	5.4	.898	3.0	.898	7.5	.870	14.5	.895	1.6	.....	5.7	.880	.0	.....
Above 200:																								
Naphthalene [b]	—	.....	—	.....	+	.....	+	.....	—	.....	+	.....	+	.....	—	.....	—	.....	—	.....	—	.....	—	.....
Anthracene [b]	—	.....	—	.....	—	.....	+	.....	—	.....	—	.....	—	.....	—	.....	—	.....	—	.....	—	.....	—	.....

a Vacuum.

b Presence (or absence) shown by plus (or minus) sign.