

Supplementary Material

Oxidative cleavage of β -aryl alcohols using manganese(IV) oxide

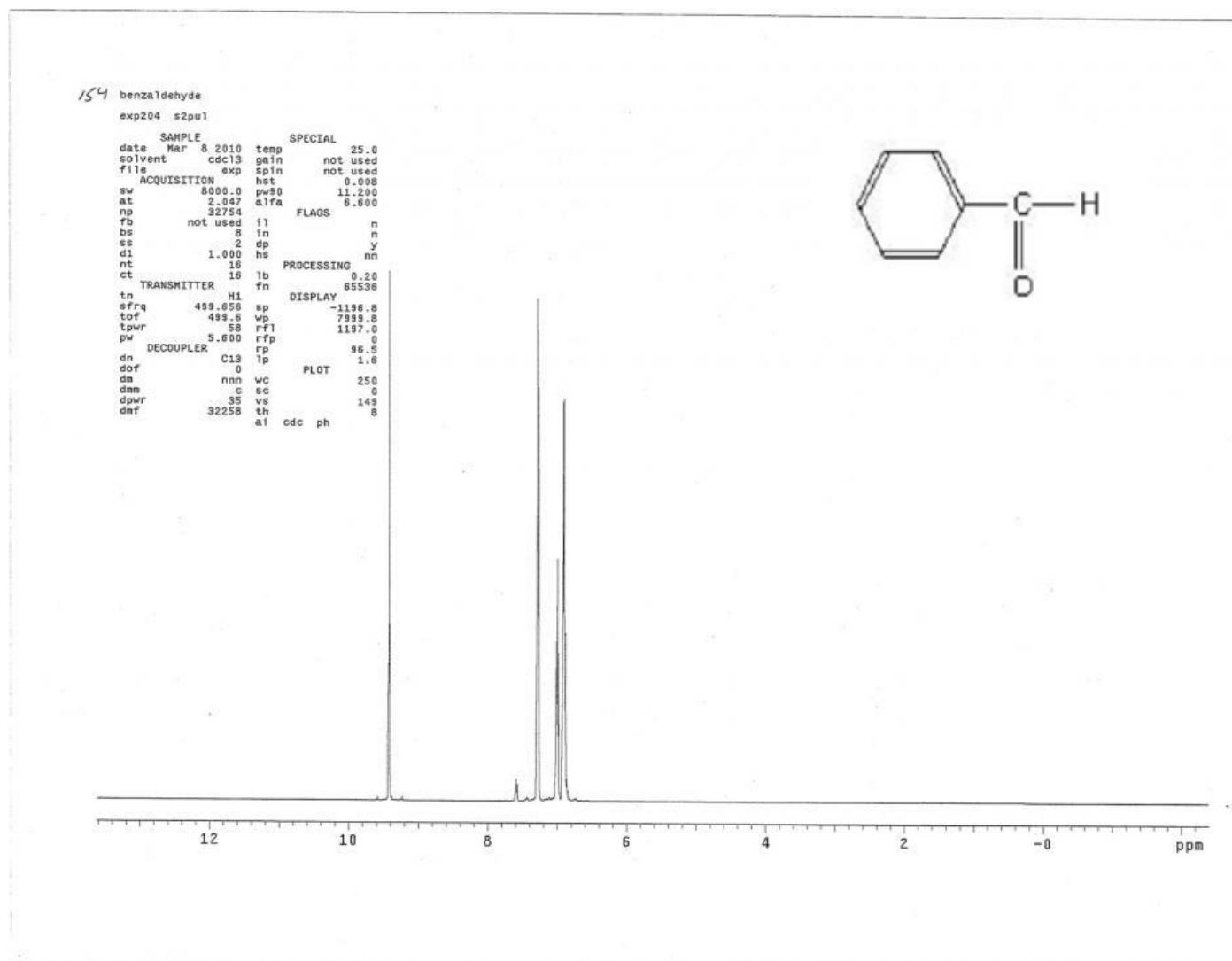
Nizam Havare *

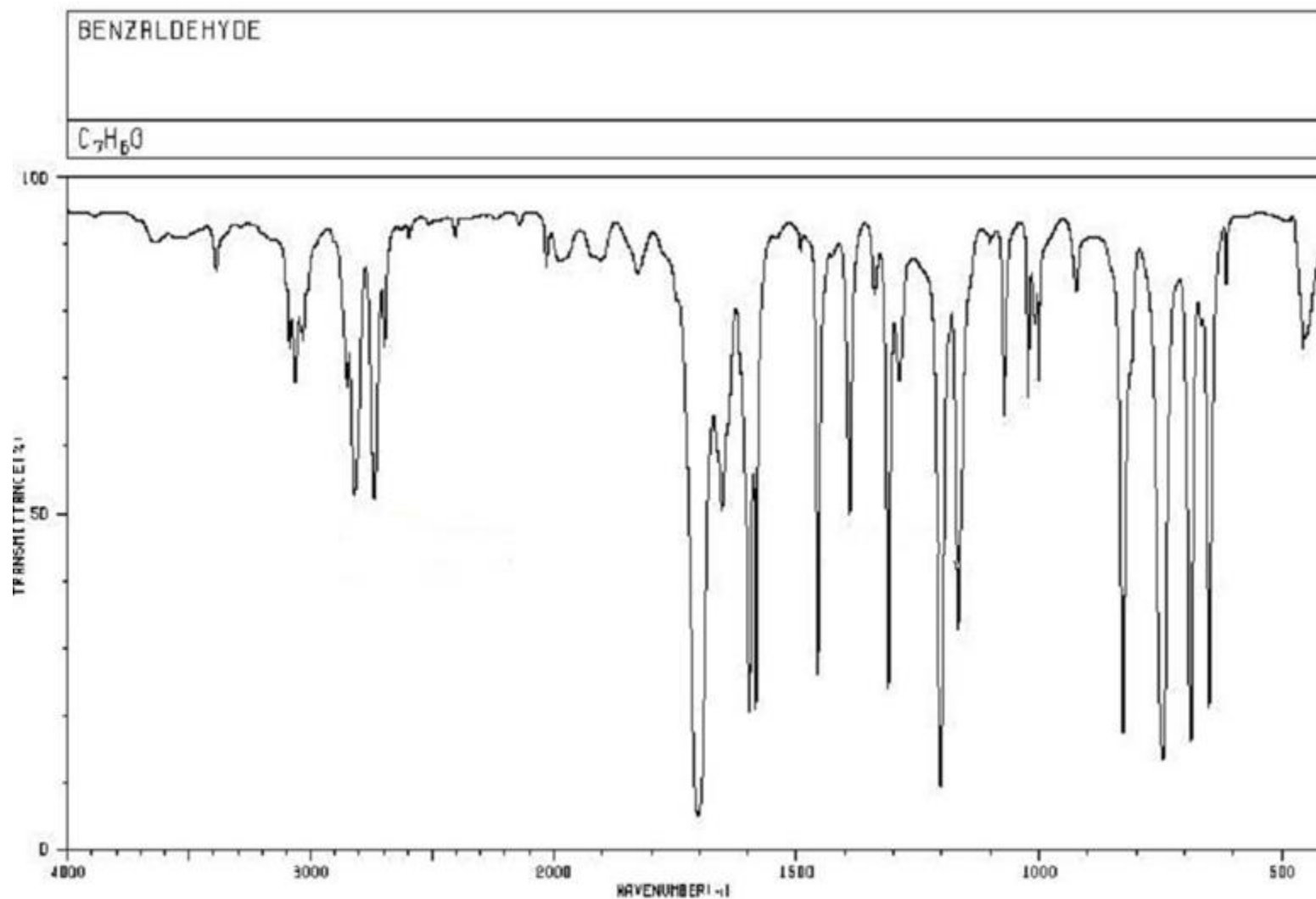
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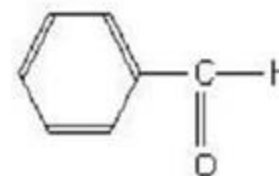
1. PMR of benzaldehyde	S2
2. IR of benzaldehyde	S3
3. PMR of <i>p</i> -chlorobenzaldehyde	S4
4. IR of <i>p</i> -chlorobenzaldehyde	S5
5. IR of <i>p</i> -methoxybenzaldehyde	S6
6. PMR of propiophenone	S7
7. CMR of propiophenone	S8
8. PMR of acetophenone	S9
9. CMR of acetophenone	S10
10. IR of propiophenone	S11
11. PMR of methyl benzoate	S12
12. IR of methyl benzoate	S13
13. PMR of fluorenone	S14
14. CMR of fluorenone	S15
15. IR of fluorenone	S16
16. PMR of benzophenone	S17
17. CMR of benzophenone	S18

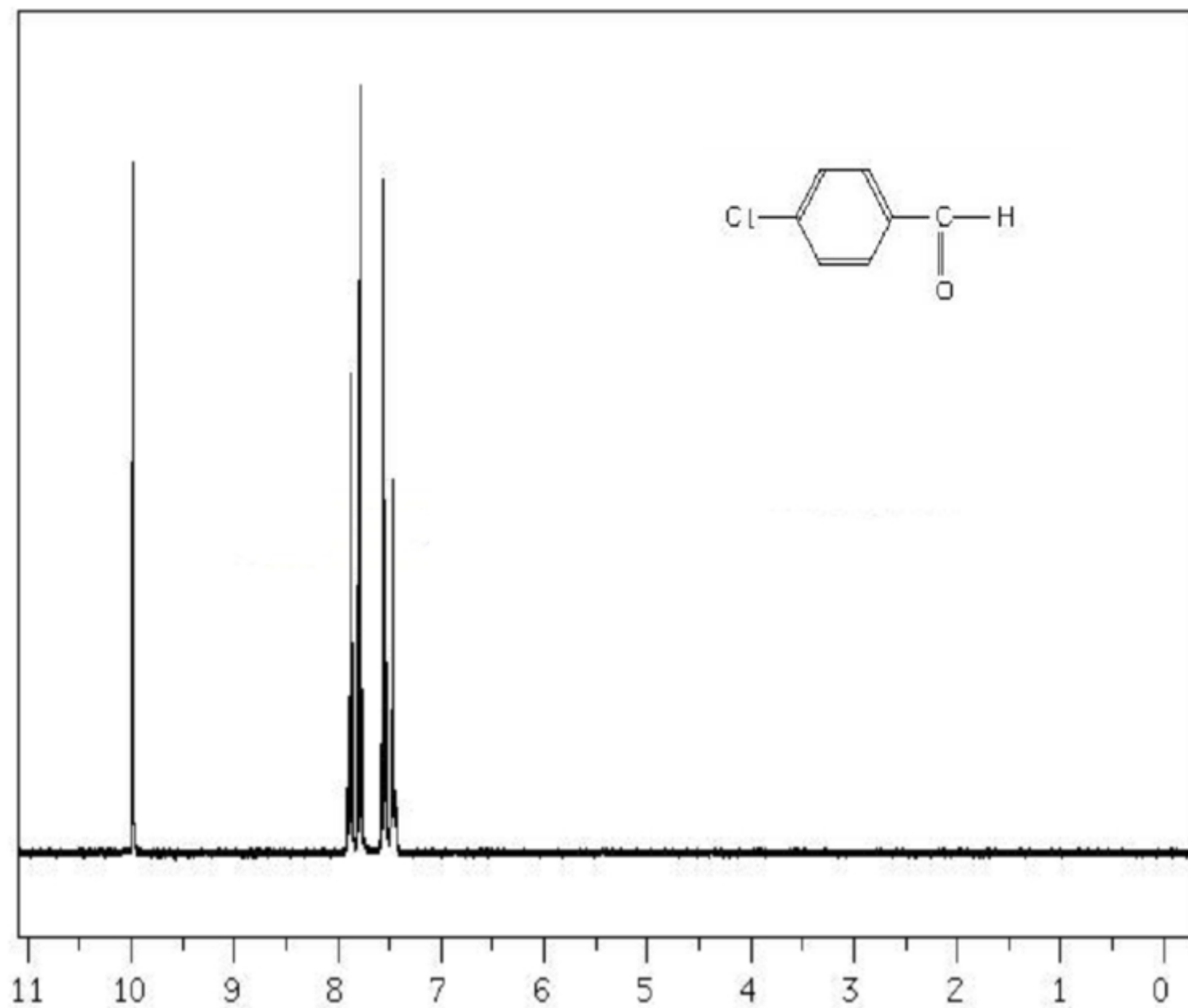
Substrate A (benzaldehyde)

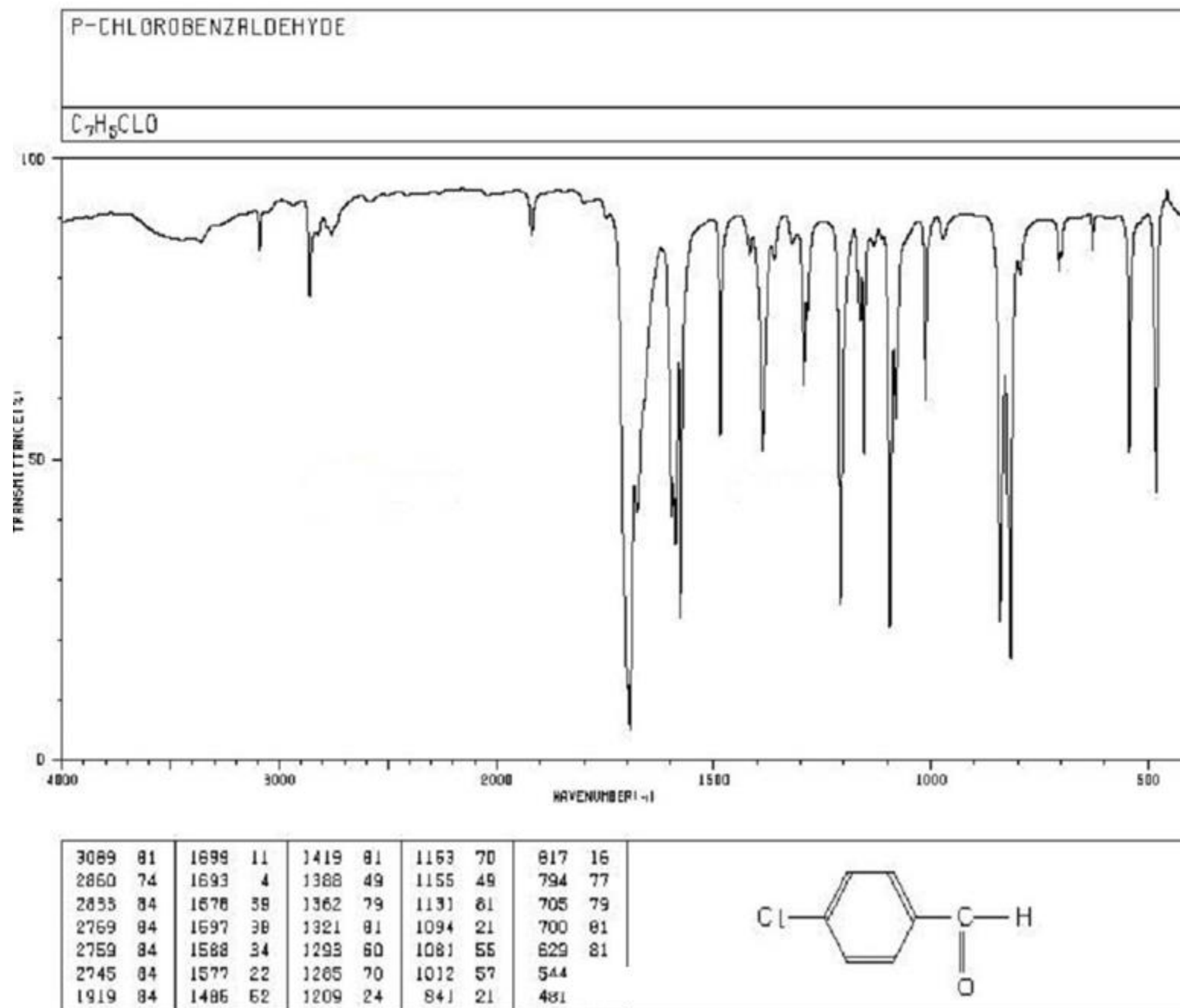


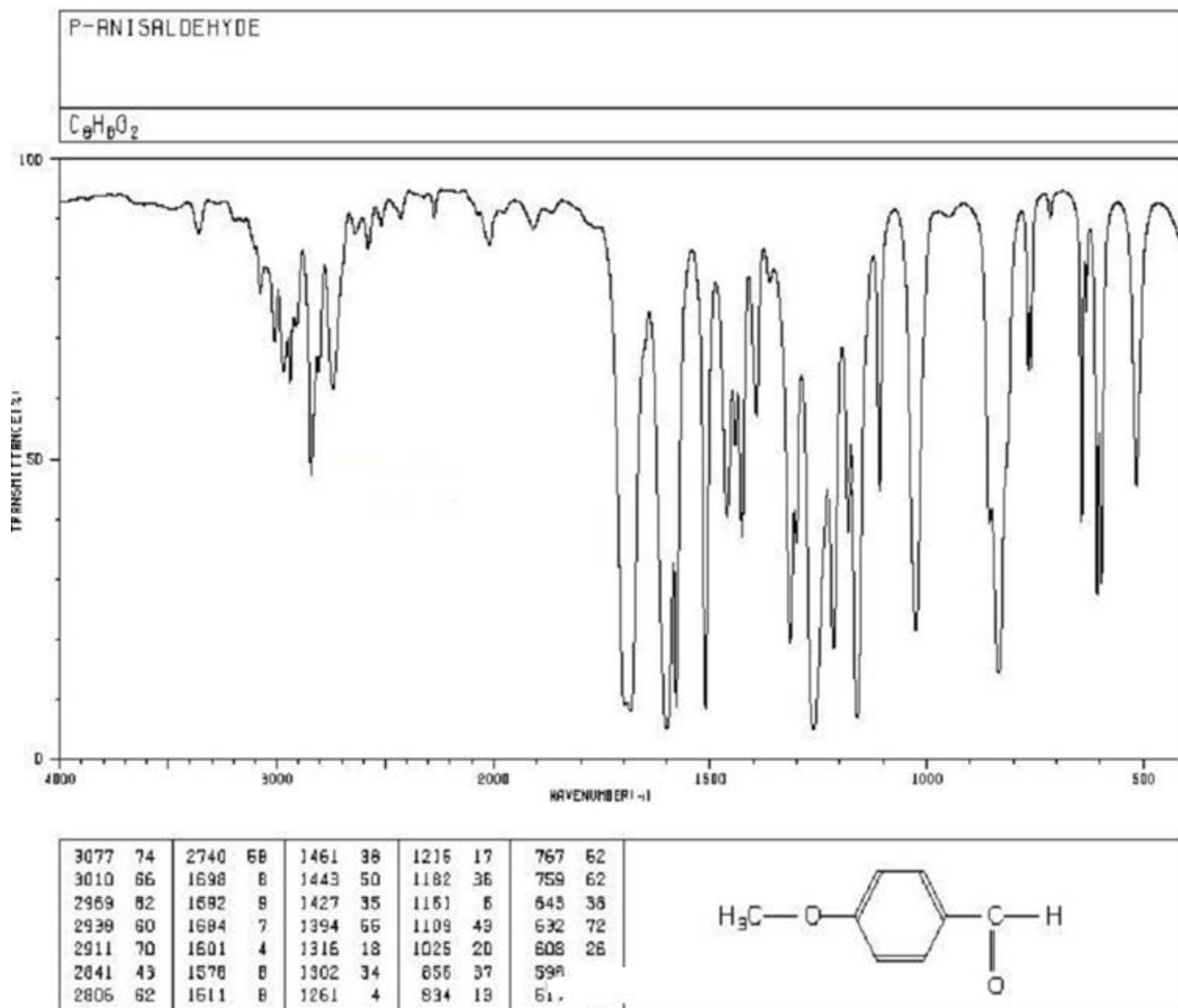


3086	72	1981	84	1597	20	1204	8	828	16
3065	66	1916	84	1584	20	1168	31	746	13
3031	72	1909	84	1456	25	1073	62	688	15
2850	66	1901	84	1391	47	1023	64	667	74
2820	50	1828	81	1339	79	1008	74	650	20
2736	50	1703	4	1311	23	1001	66	615	...
2696	72	1654	49	1288	68	924	78	467	...

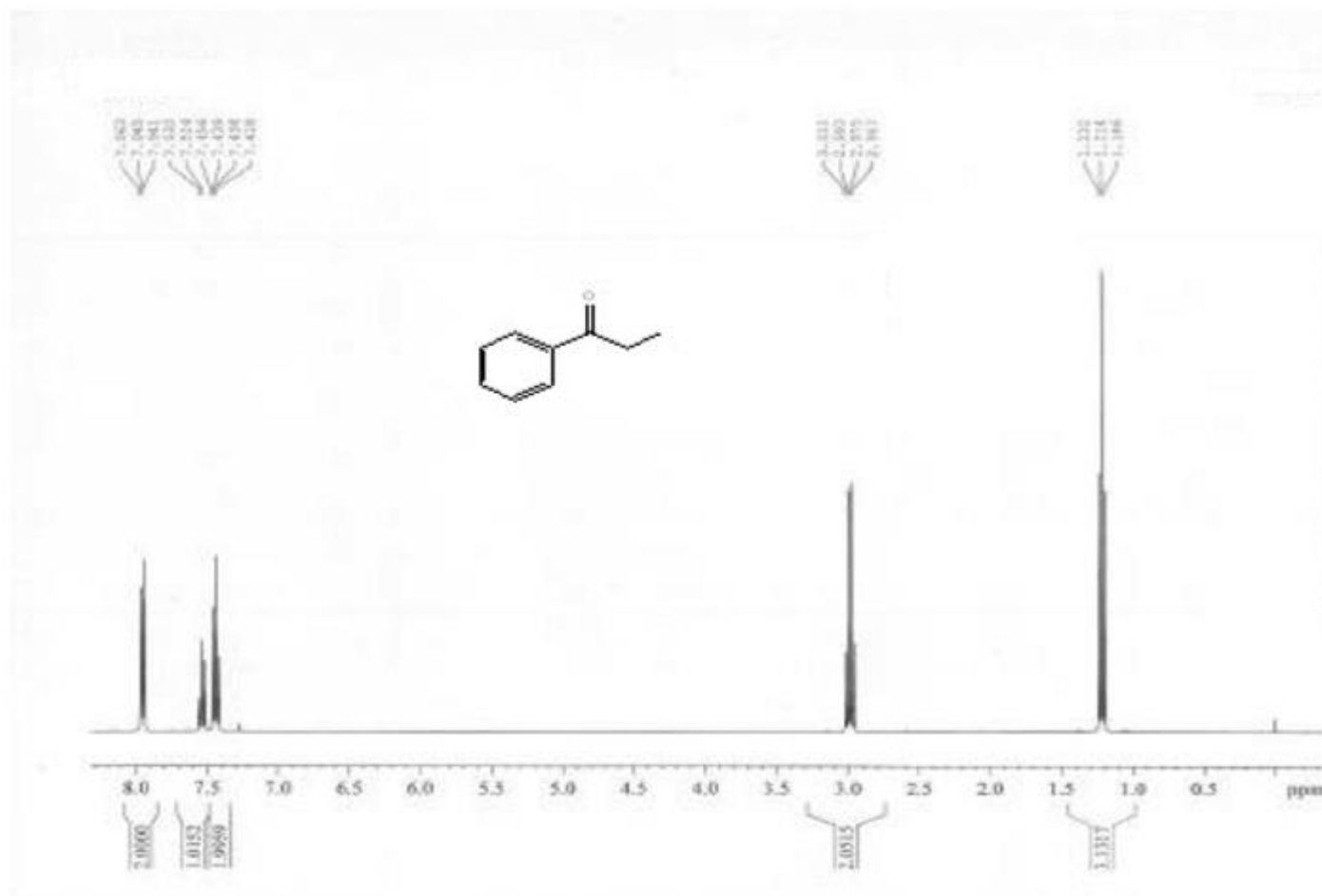


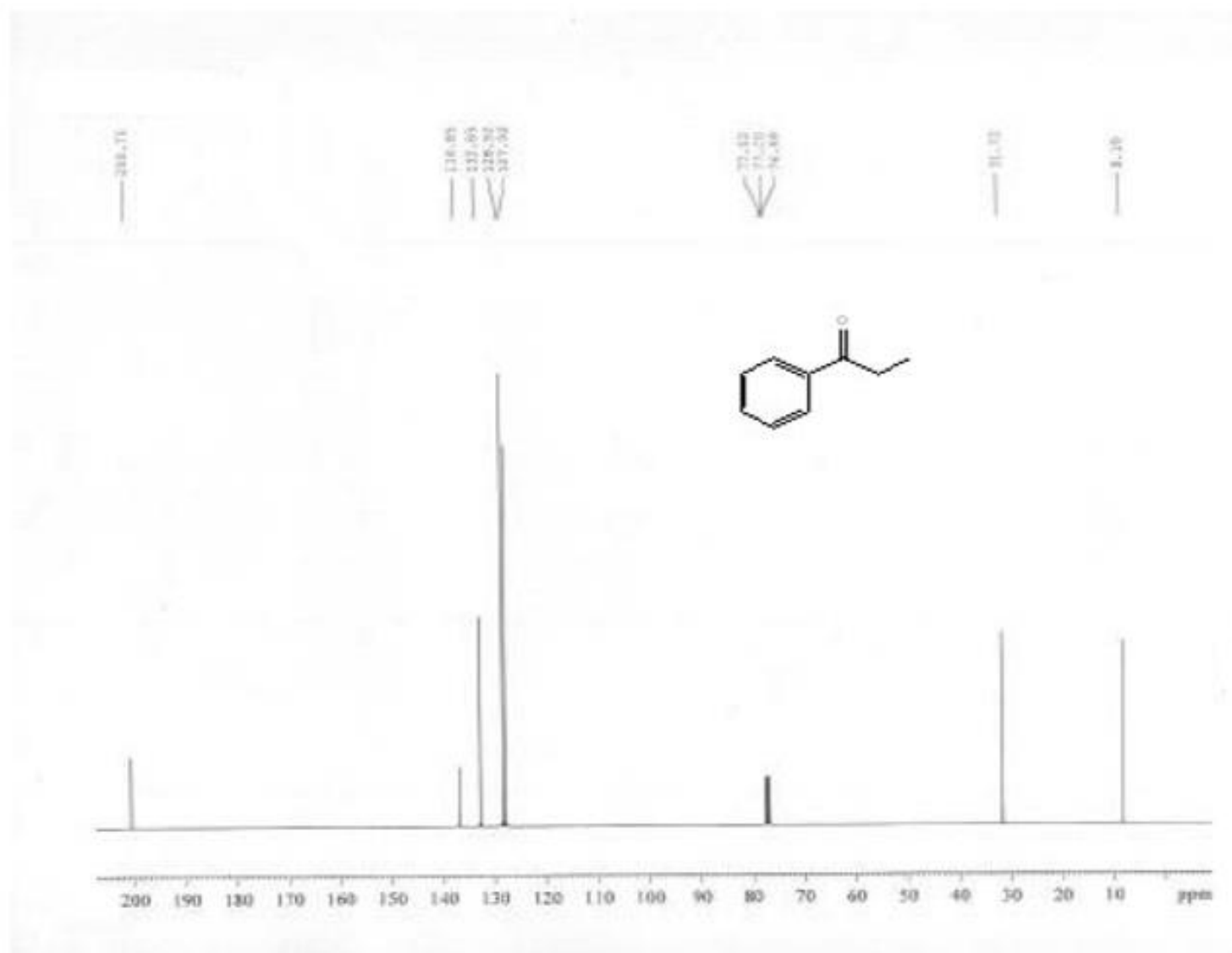




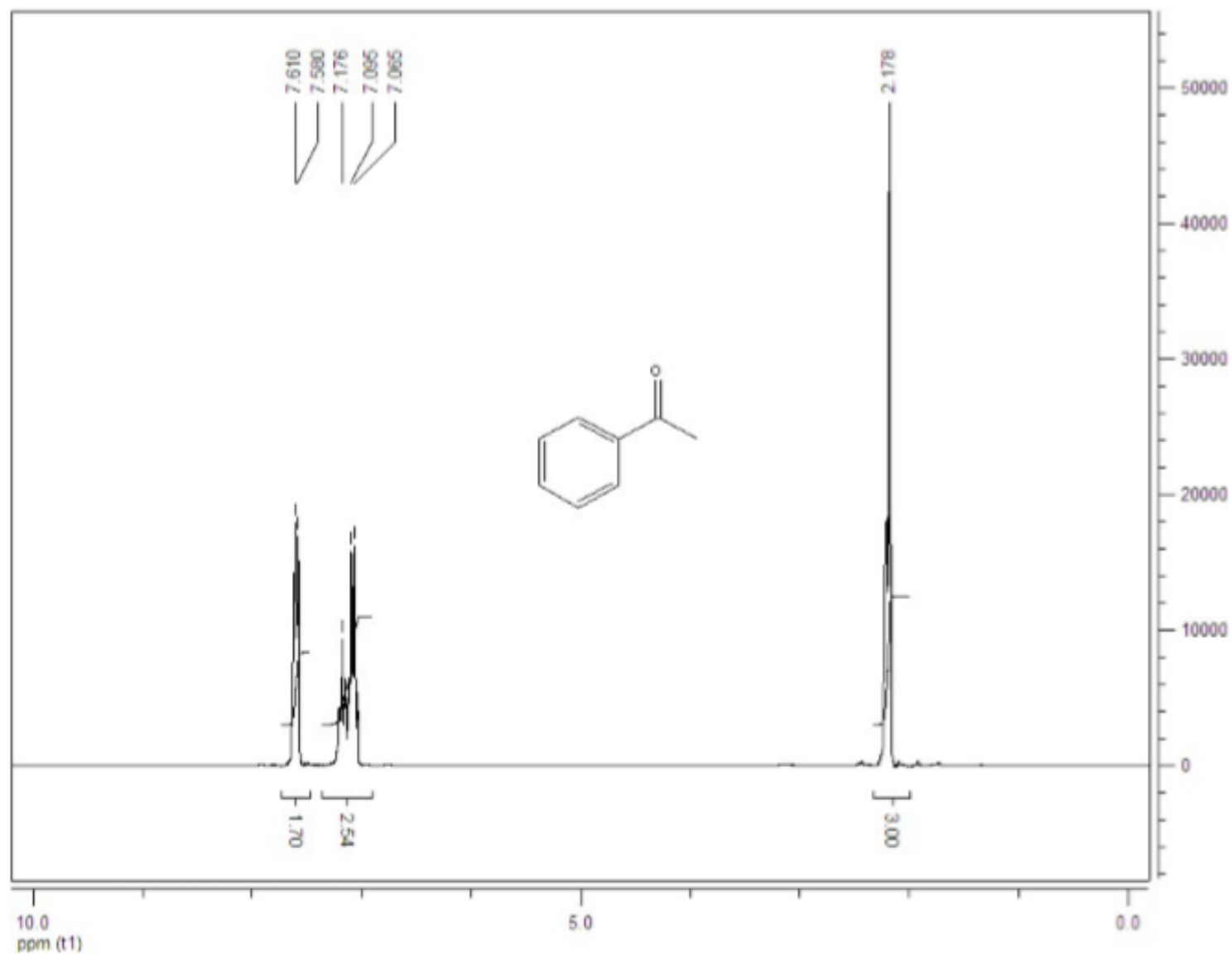


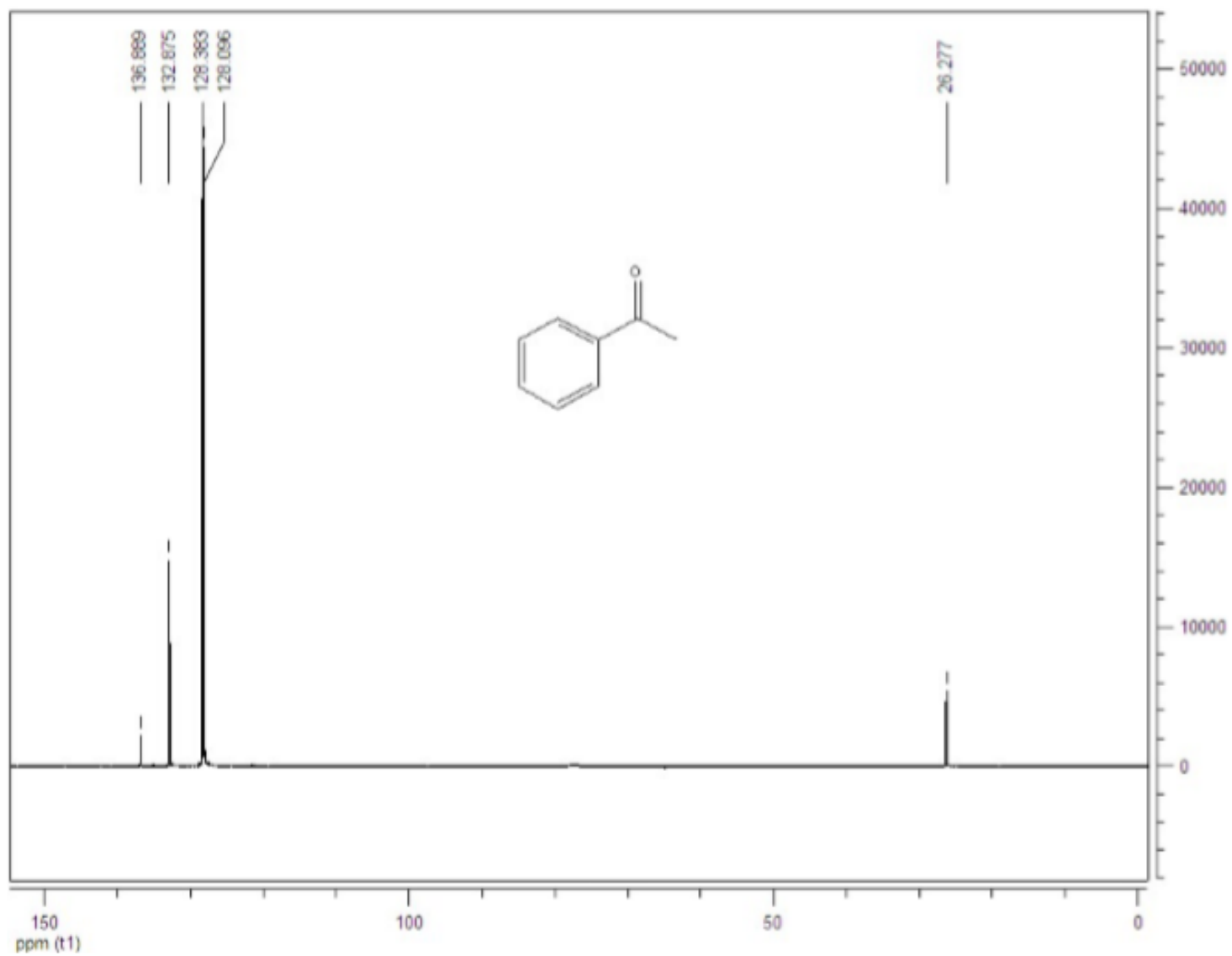
Substrate E (propiophenone)

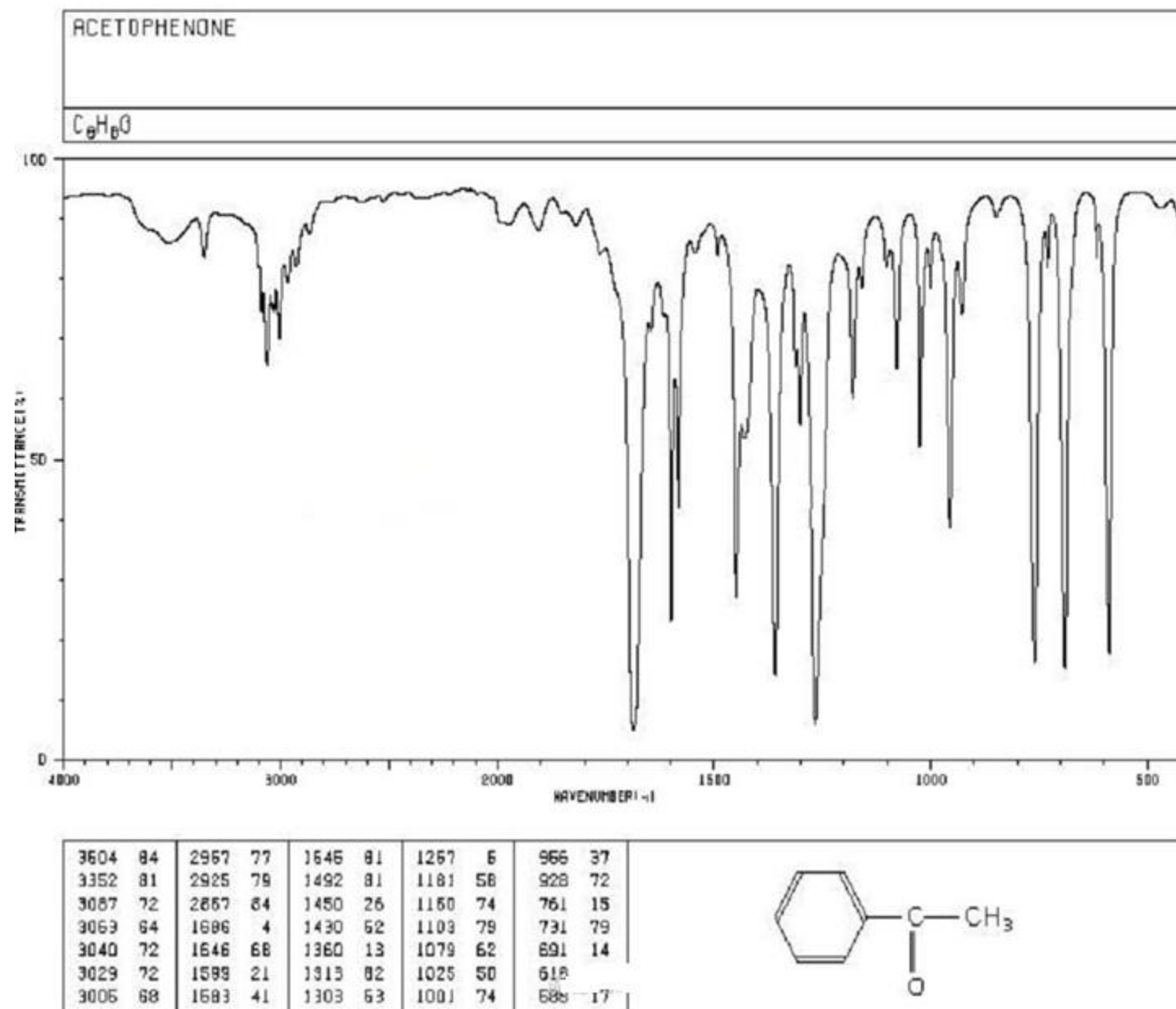




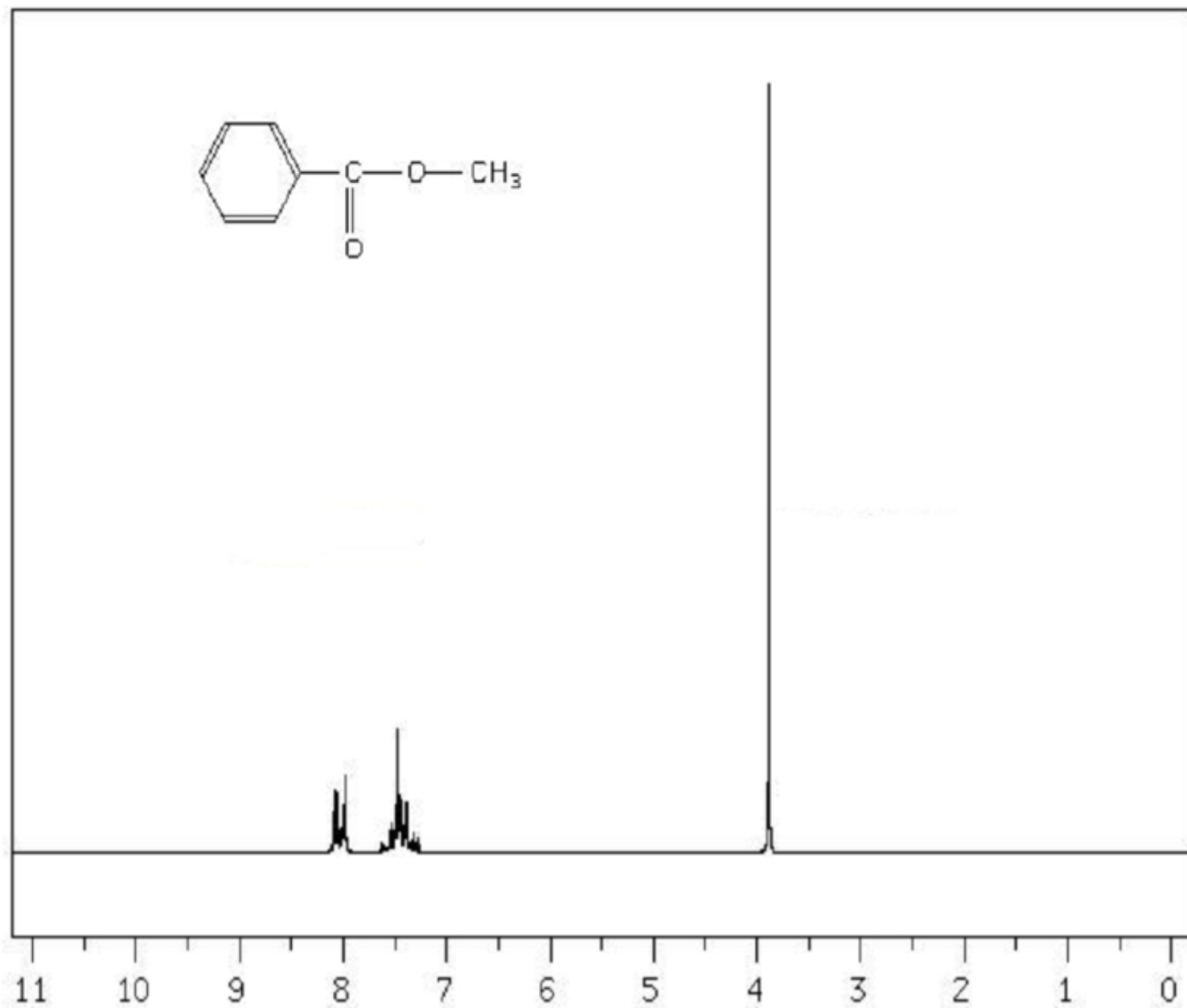
Substrate F (acetophenone)

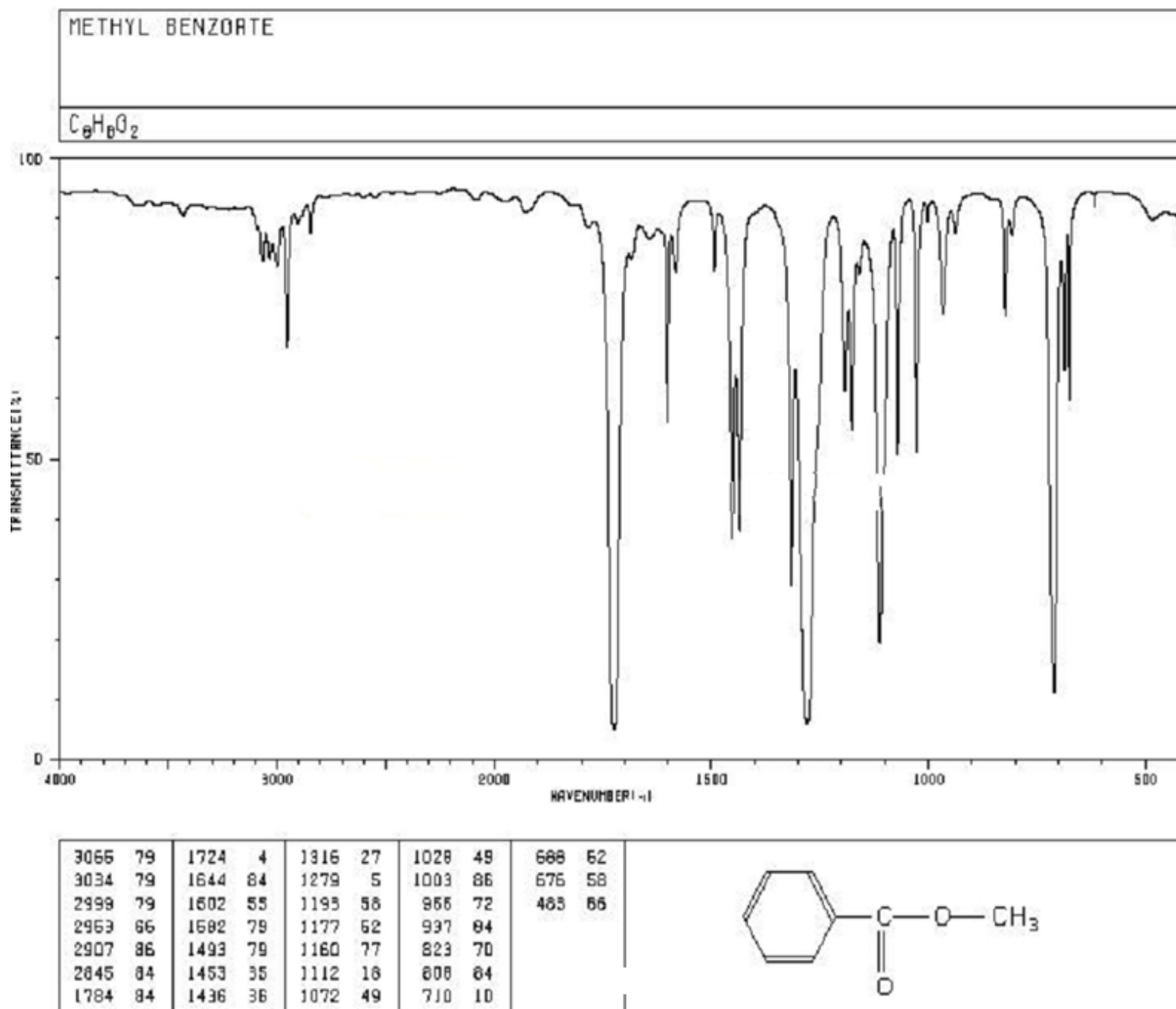




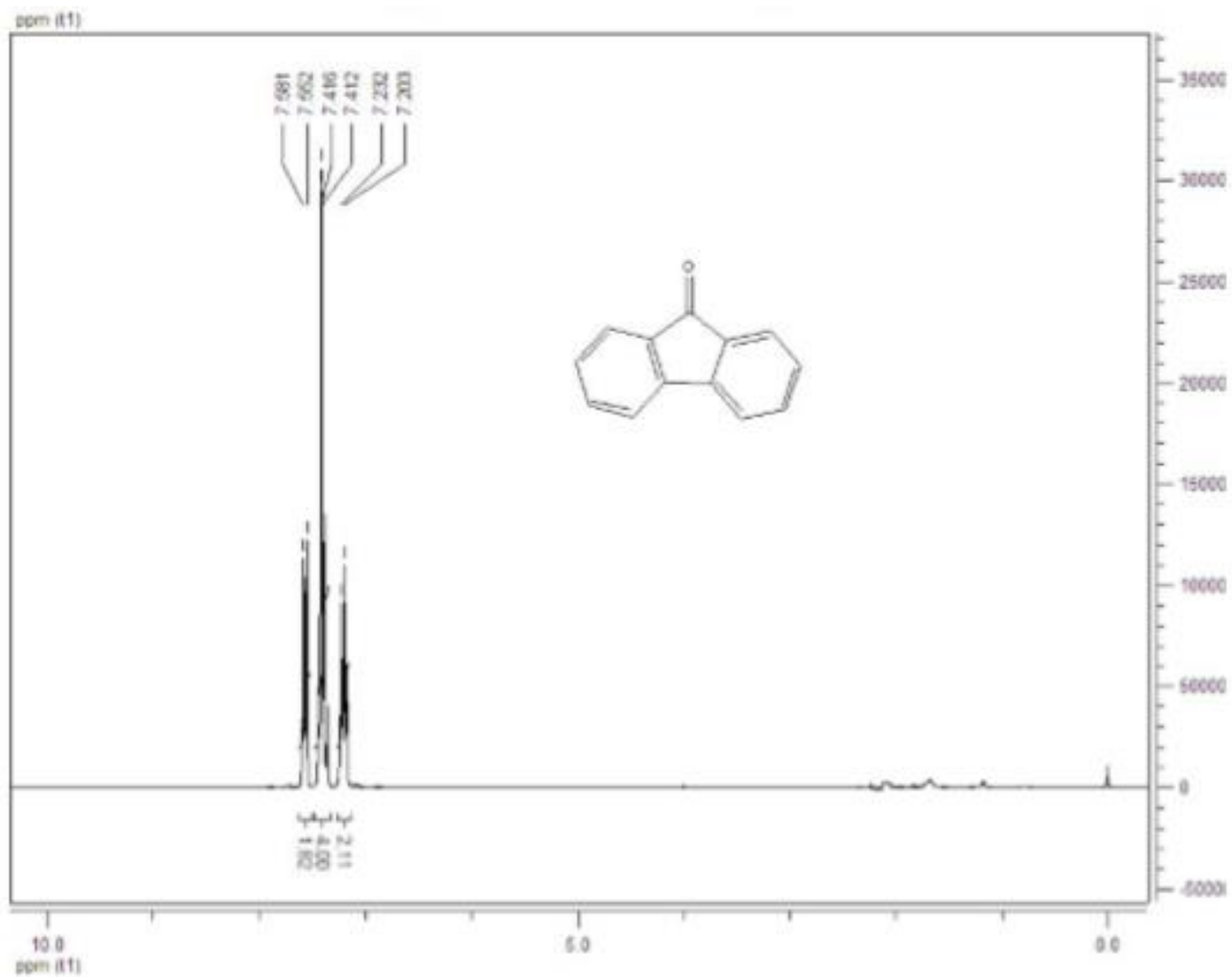


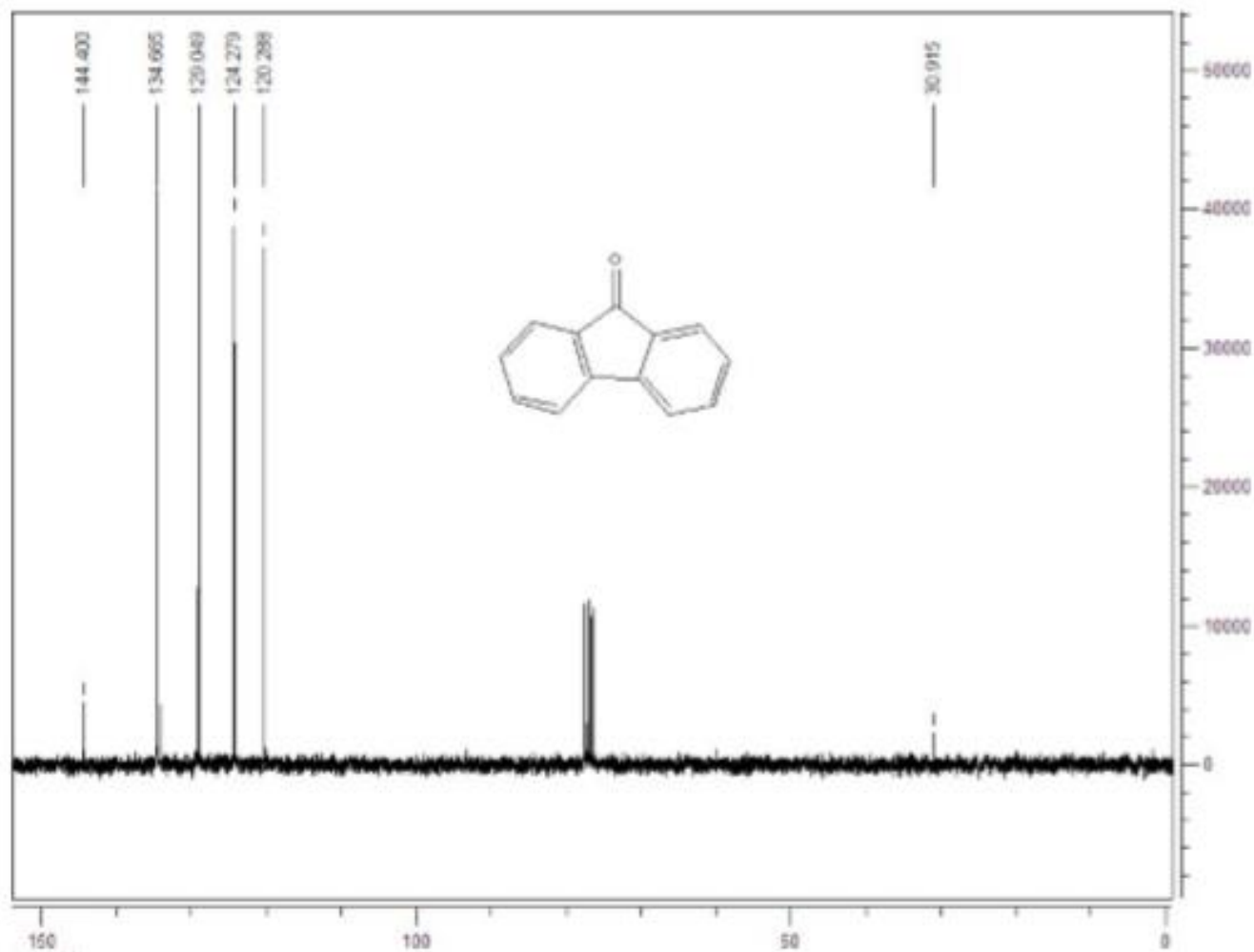
Substrate G (Methyl benzoate)

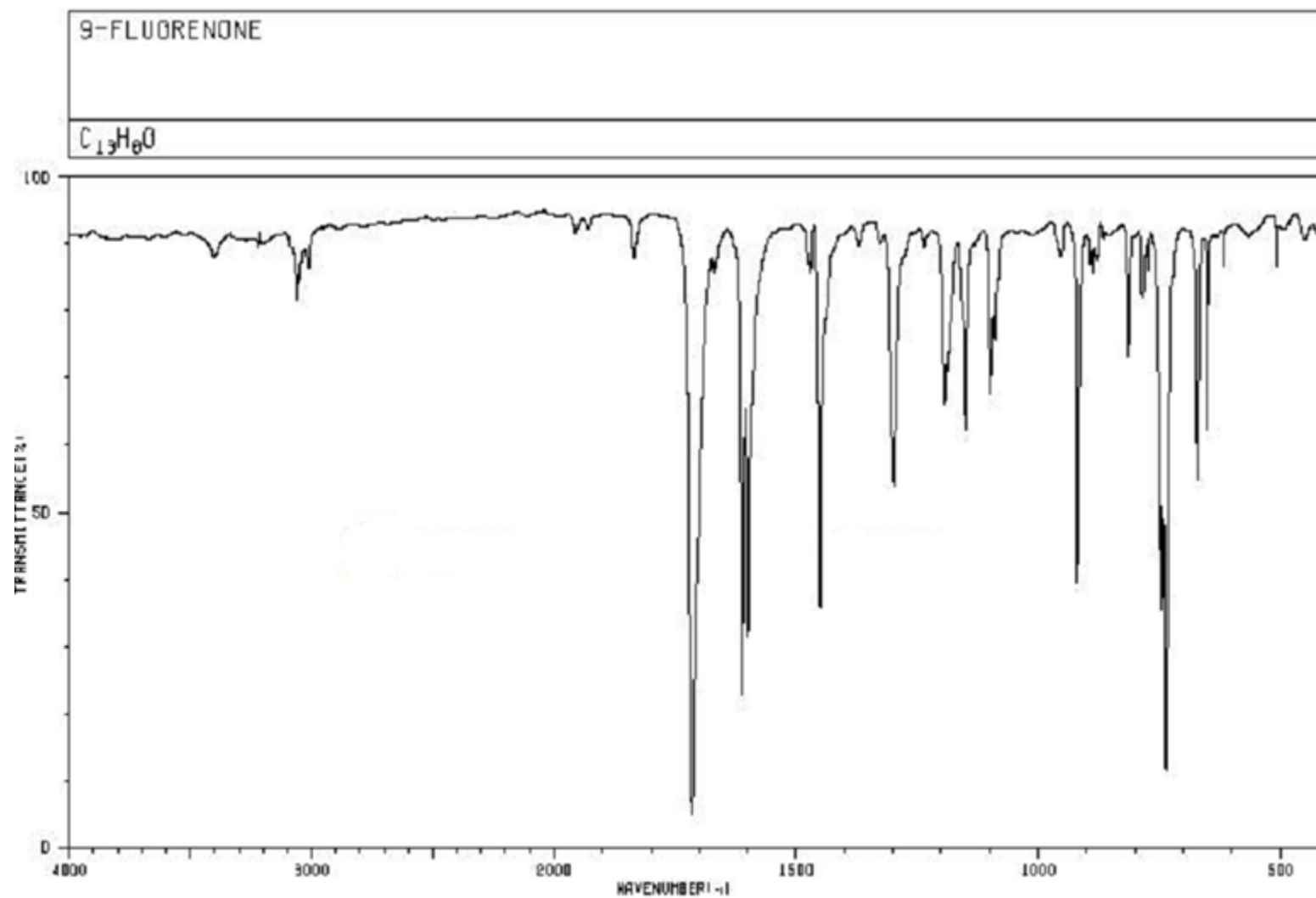




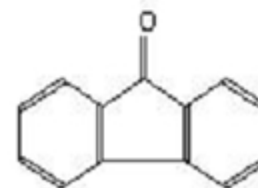
Substrate H (9-fluorenone)







3401	84	1666	84	1236	86	962	84	774	84
3061	79	1612	21	1194	84	920	37	745	34
3047	81	1600	30	1187	88	893	84	736	10
3013	84	1476	84	1169	77	887	81	672	62
1834	84	1471	81	1151	60	879	84	651	60
1715	4	1451	34	1098	84	815	70	617	
1671	81	1299	62	1090	72	786	78	607	



Substrate I (benzophenone)

