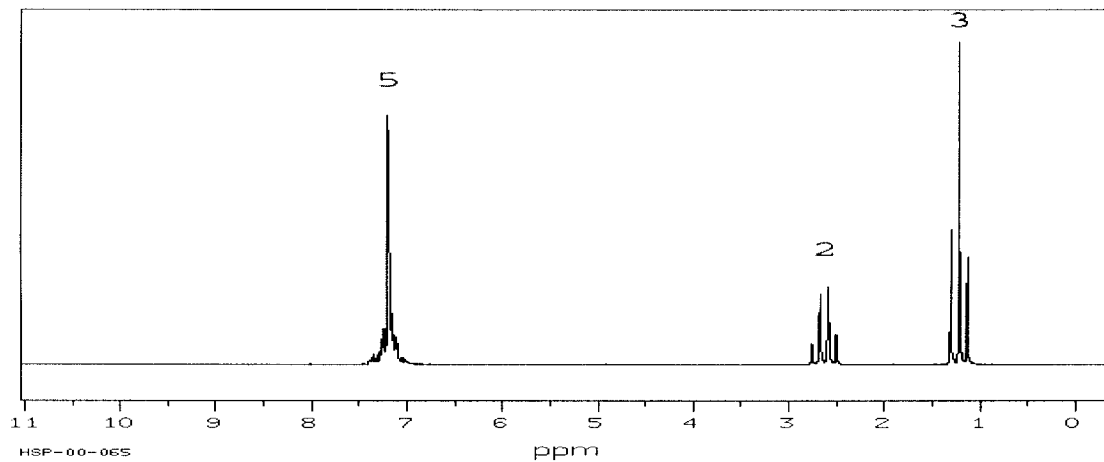


<sup>1</sup>H-NMR HANDOUT  
FOR WORKSHOP

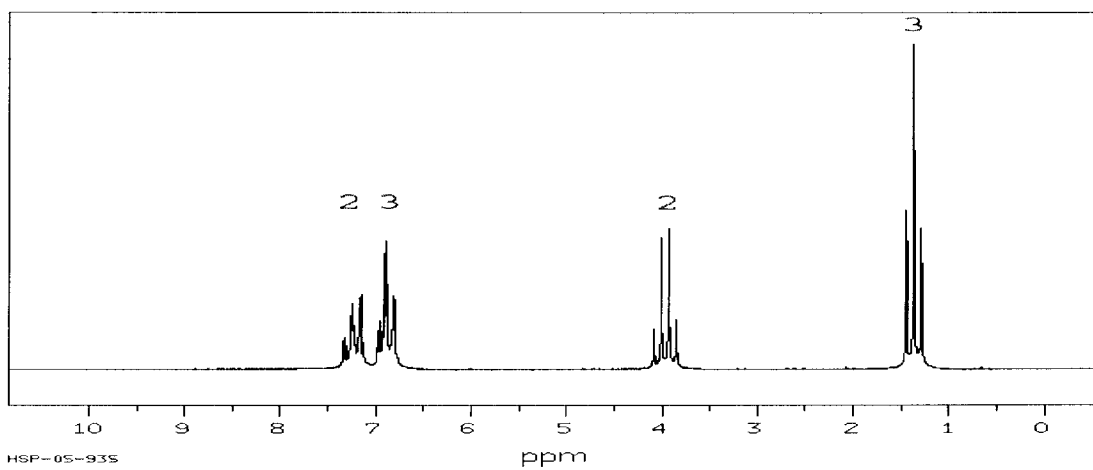
Spectrum 1 (90 MHz)

Formula:  $C_8H_{10}$



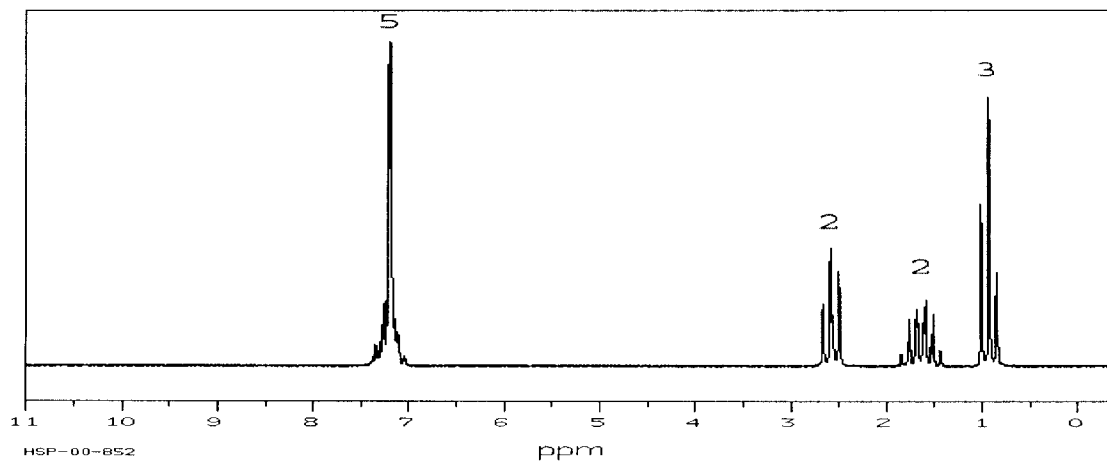
Spectrum 2 (90 MHz)

Formula:  $C_8H_{10}O$



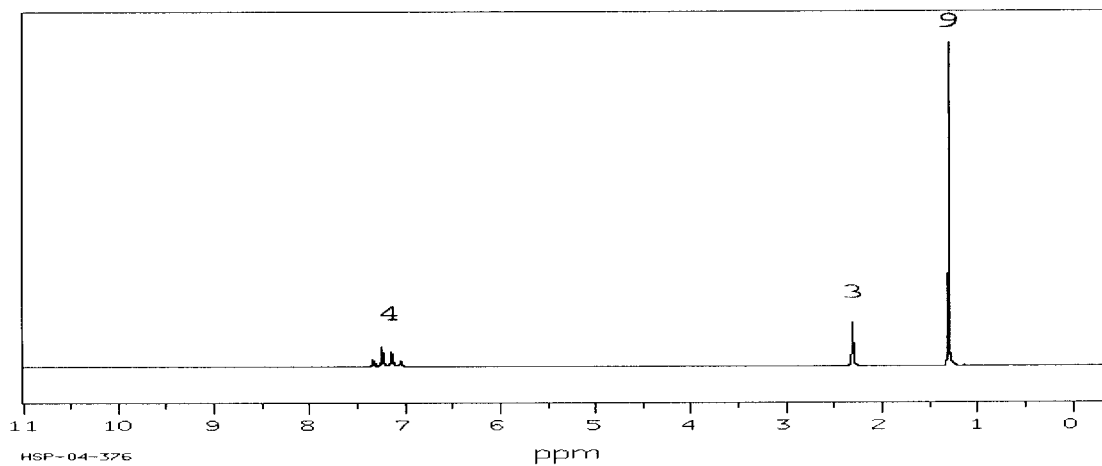
Spectrum 3 (90 MHz)

Formula:  $C_9H_{12}$



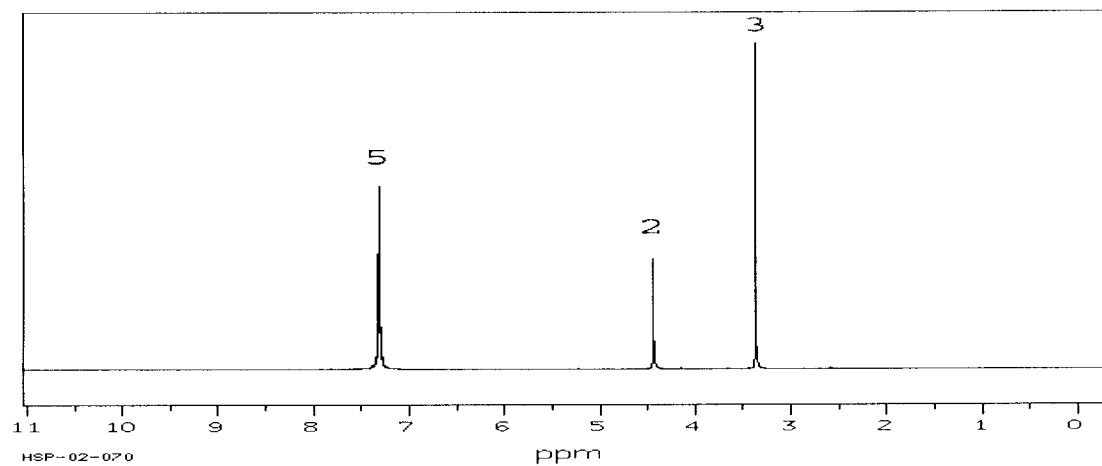
Spectrum 4 (90 MHz)

Formula:  $C_{11}H_{16}$



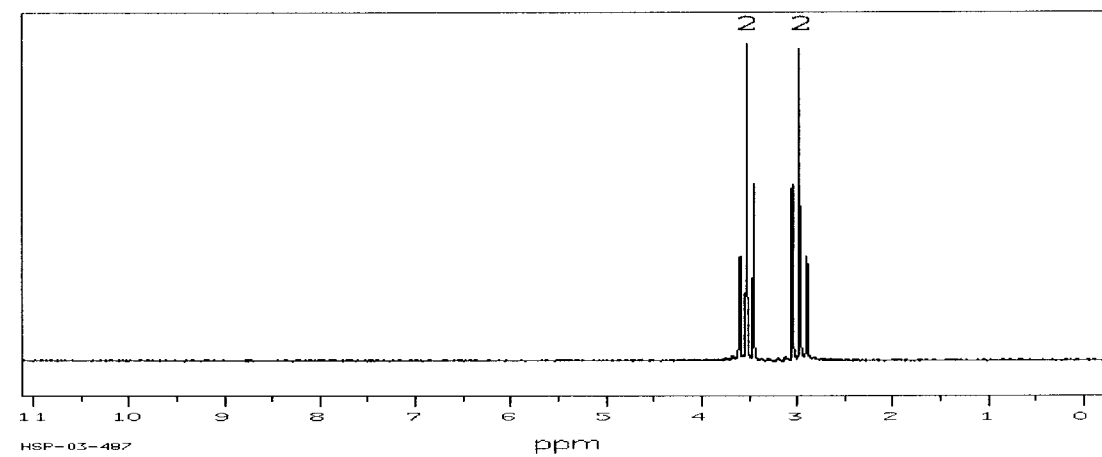
Spectrum 5 (90 MHz)

Formula:  $C_8H_{10}O$



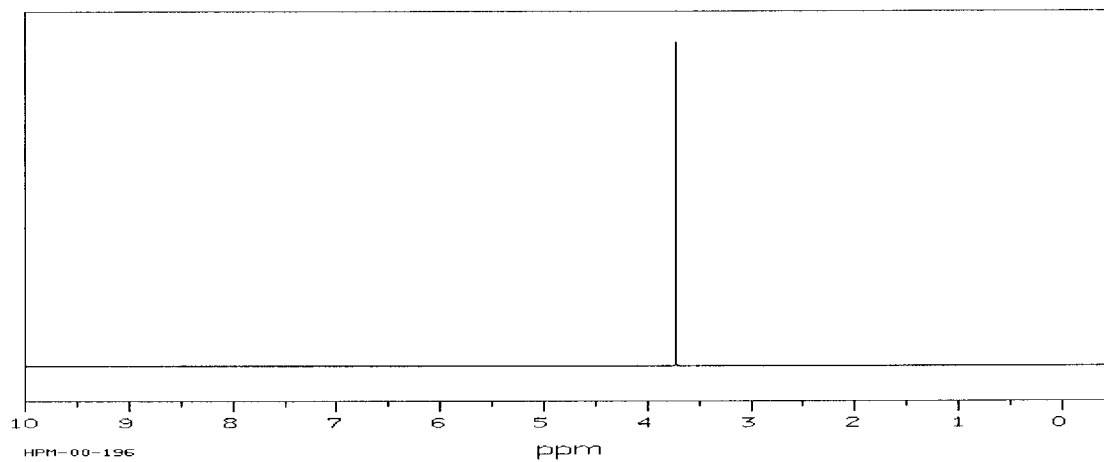
Spectrum 6 (90 MHz)

Formula:  $C_3H_4BrN$



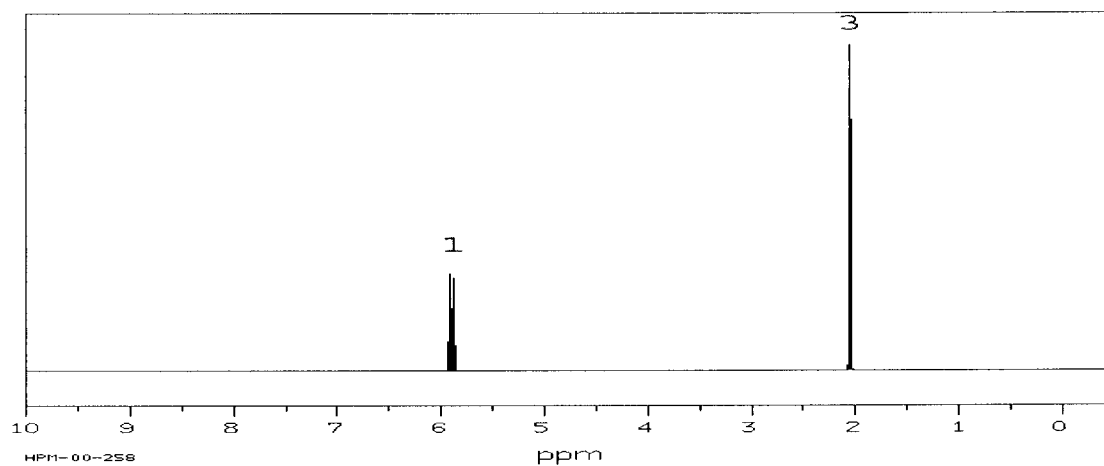
Spectrum 7 (300 MHz)

Formula:  $C_2H_4Cl_2$



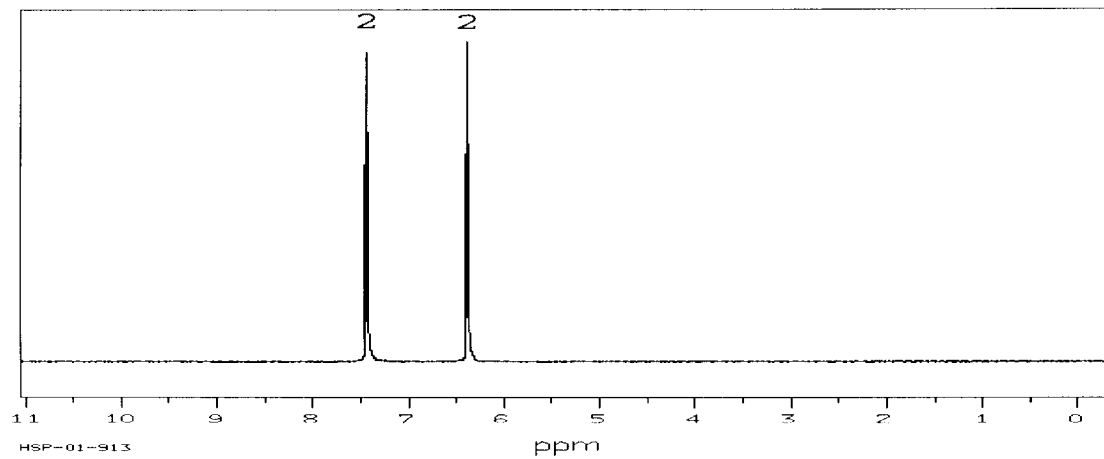
Spectrum 8 (300 MHz)

Formula:  $C_2H_4Cl_2$



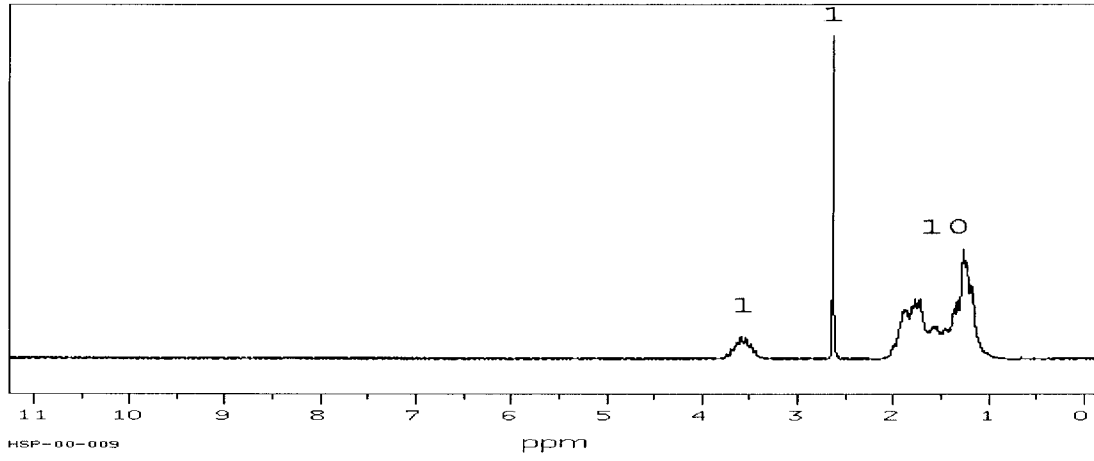
Spectrum 9 (90 MHz)

Formula:  $C_4H_4O$



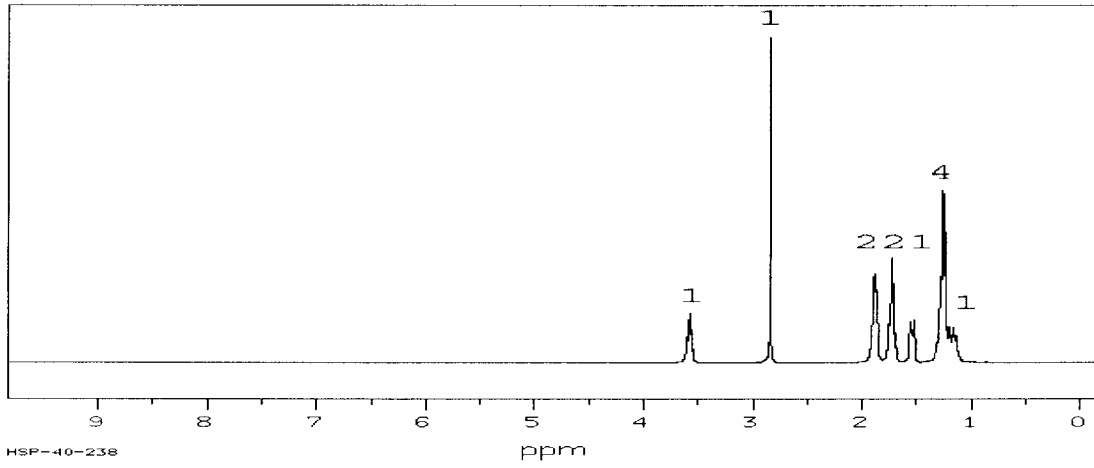
Spectrum 10 (90 MHz)

Formula:  $C_6H_{12}O$



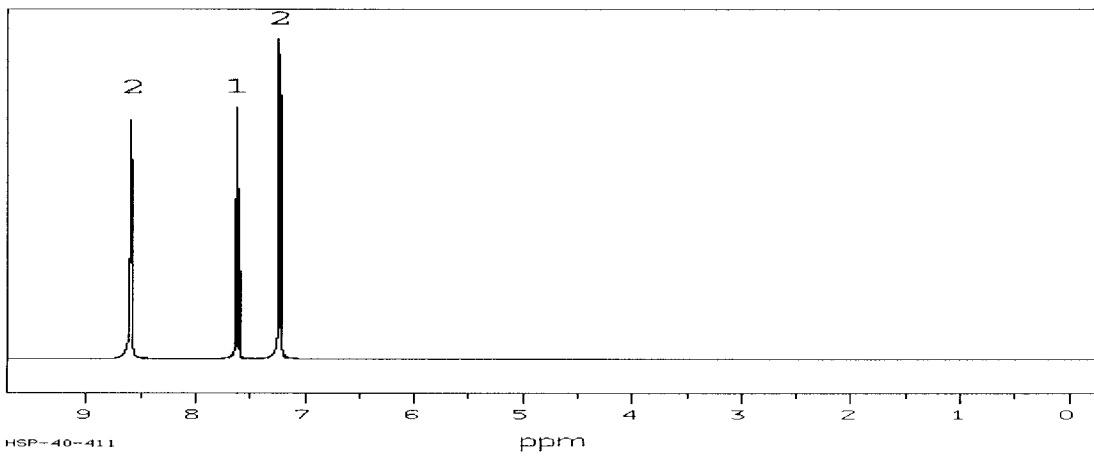
Spectrum 11 (400 MHz)

Formula:  $C_6H_{12}O$



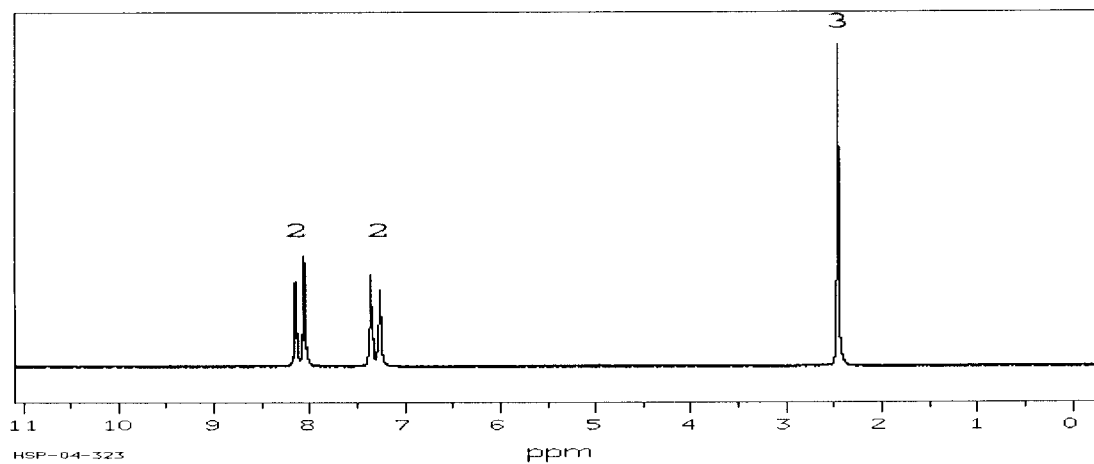
Spectrum 12 (400 MHz)

Formula:  $C_5H_5N$



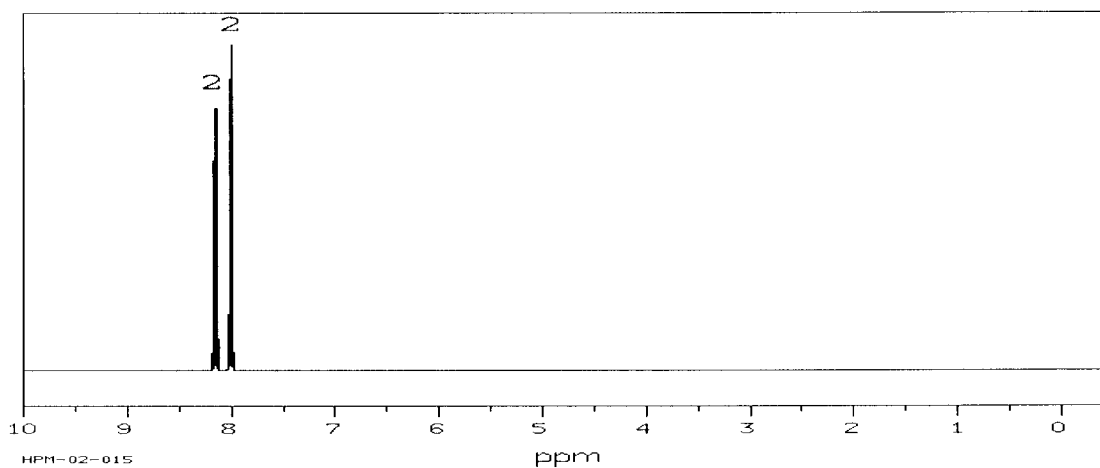
Spectrum 13 (90 MHz)

Formula:  $C_7H_7NO_2$



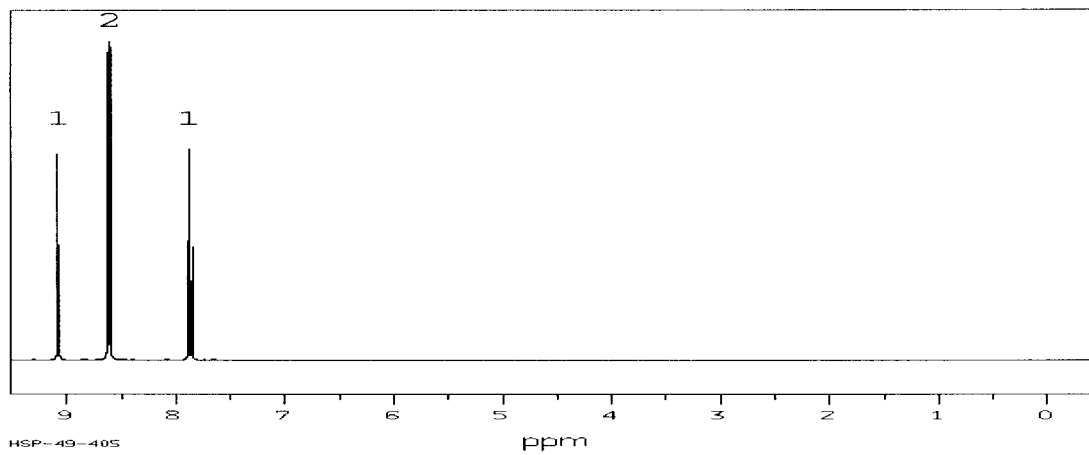
Spectrum 14 (300 MHz)

Formula:  $C_6H_4N_2O_4$



Spectrum 15 (400 MHz)

Formula:  $C_6H_4N_2O_4$



### Key for <sup>1</sup>H-NMR handout

<i>Spectrum</i>	<i>Compound</i>
1	ethyl benzene
2	ethoxy benzene
3	propyl benzene
4	p-tert-butyltoluene
5	α-methoxytoluene
6	2-bromoacetonitrile
7	1,2-dichloroethane
8	1,1-dichloroethane
9	furan
10	cyclohexanol
11	cyclohexanol
12	pyridine
13	p-nitrotoluene
14	o-dinitrobenzene
15	m-dinitrobenzene